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Borello-France D, Burgio KL, Goode PS, et al. Author response to invited commentary. [RE: Adherence to behavioral interventions for urge incontinence when combined with drug therapy: adherence rates, barriers, and predictors.] 2010;90:1507–1509.

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Costa LOP, Maher CG, Latimer J, et al. Author responses to letters to the editor. [RE: Motor control exercise for chronic low back pain: a randomized placebo-controlled trial.] 2010;90:307–308, 310–311.

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Delany CM, Edwards I, Jensen GM, Skinner E. Author response to invited commentary. [RE: Closing the gap between ethics knowledge and practice through active engagement: an applied model of physical therapy ethics.] 2010;90:1081–1082.

Delany CM, Edwards I, Jensen GM, Skinner E. Closing the gap between ethics knowledge and practice through active engagement: an applied model of physical therapy ethics. 2010;90:1068–1078.

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Desai A, Goodman V, Kapadia N, et al. Relationship between dynamic balance measures and functional performance in community-dwelling elderly people. 2010;90:748–760.

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Eng JJ, Mulroy SJ. Editorial: Stepping forward with gait rehabilitation. 2010;90:146–148.

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Escorpizo R, Stucki G, Cieza A, et al. Creating an interface between the *International Classification of Functioning, Disability and Health* and physical therapist practice. 2010;90:90:1053–1063.

Escorpizo R. Author response to letter to the editor. [RE: Creating an interface between the *International Classification of Functioning, Disability and Health* and physical therapist practice.] 2010;90: 1900–1901.

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Fotoohabadi MR, Tully EA, Galea MP. Kinematics of rising from a chair: image-based analysis of the sagittal hip-spine movement pattern in elderly people who are healthy. 2010;90:561–571.

Fowler EG, Knutson LM, DeMuth SK, et al; for the Physical Therapy Clinical Research Network (PTClinResNet). Pediatric Endurance and Limb Strengthening (PEDALS) for children with cerebral palsy using stationary cycling: a randomized controlled trial. 2010;90:367–381.

Fox EJ, Tester NJ, Phadke CP, et al. Ongoing walking recovery 2 years after locomotor training in a child with severe incomplete spinal cord injury. 2010;90:793–802.

Freburger JK, Carey TS. Comparative effectiveness research: opportunities and challenges for physical therapy. 2010;90:327–332.

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Greenfield BH, Jensen GM. Understanding the lived experiences of patients: application of a phenomenological approach to ethics. 2010;90:1185–1197.

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Herrera E, Sandoval MC, Camargo DM, Salvini TF. Motor and sensory nerve conduction are affected differently by ice pack, ice massage, and cold water immersion. 2010;90:581–591.

Hess RJ, Brach JS, Piva SR, VanSwearingen JM. Walking skill can be assessed in older adults: validity of the Figure-of-8 Walk Test. 2010;90:89–99.

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Hile ES, Fitzgerald GK, Studenski SA. Persistent mobility disability after neurotoxic chemotherapy. 2010;90:1649–1657.

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Kruse RL, LeMaster JW, Madsen RW. Fall and balance outcomes after an intervention to promote leg strength, balance, and walking in people with diabetic peripheral neuropathy: "Feet First" randomized controlled trial. 2010;90:1568-1579.

Kulig K, Harper-Hanigan K, Souza RB, Powers CM. Measurement of femoral torsion by ultrasound and magnetic resonance imaging: concurrent validity. 2010;90:1641-1648.

Kumar NA: See Wrisley DM

Kuo AD, Donelan JM. Dynamic principles of gait and their clinical implications. 2010;90:157-174.

Kuo H-K: See Chien M-Y

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Kutner NG, Zhang R, Butler AJ, et al. Quality-of-life change associated with robotic-assisted therapy to improve hand motor function in patients with subacute stroke: a randomized clinical trial. 2010;90:493-504.

Kutner NG: See Alberts JL

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Landry MD. Editorial: Physical therapists in post-earthquake Haiti: seeking a balance between humanitarian service and research. 2010;90:974-976.

Lankhorst GJ: See Beckerman H

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Li LC, Hurkmans EJ, Sayre EC, Vliet Vlieland TPM. Continuing professional development is associated with increasing physical therapists' roles in arthritis management in Canada and the Netherlands. 2010;90:629-642.

Li LC: See Townsend A

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Lin C-WC, Taylor D, Bierma-Zeinstra SMA, Maher CG. Exercise for osteoarthritis of the knee. 2010;90:839-842.

Lindsay RW, Robinson M, Hadlock TA. Comprehensive facial rehabilitation improves function in people with facial paralysis: a 5-year experience at the Massachusetts Eye and Ear Infirmary. 2010;90:391-397.

Little T: See Davenport TE

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Looper J, Ulrich DA. Effect of treadmill training and supramalleolar orthosis use on motor skill development in infants with Down syndrome: a randomized clinical trial. 2010;90: 382–390.

Looper J: See Wu J

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Macedo LG, Smeets RJEM, Maher CG, et al. Graded activity and graded exposure for persistent nonspecific low back pain: a systematic review. 2010;90:860–879.

Machado LAC: See Ferreira ML

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Maitland M. Letter to the editor. [RE:Adherence to clinical practice guidelines for low back pain in physical therapy: do patients benefit?] 2010;90:1899.

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Malone DJ. Editorial: The new demands of acute care: are we ready? 2010;90:1370–1372.

Malouin F, Richards CL. Mental practice for relearning locomotor skills. 2010;90:240–251.

Maly MR: See Stratford PW

Mangione KK, Craik RL, McCormick AA, et al. Detectable changes in physical performance measures in elderly African Americans. 2010;90:921–927.

Mangione KK, Miller AH, Naughton IV. Cochrane review: improving physical function and performance with progressive resistance strength training in older adults. 2010;90: 1711–1715.

Mannerkorpi K: See Nijs J

Mansfield A, Peters AL, Liu BA, Maki BE. Author response to invited commentary. [RE: Effect of a perturbation-based balance training program on compensatory stepping and grasping reactions in older adults: a randomized controlled trial.] 2010;90:492.

Mansfield A, Peters AL, Liu BA, Maki BE. Effect of a perturbation-based balance training program on compensatory stepping and grasping reactions in older adults: a randomized controlled trial. 2010;90;476–491.

Markland AD: See Borello-France D

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McCallum CA. Access to physical therapy services among medically underserved adults: a mixed-method study. 2010;90:735–747.

McCormick AA: See Mangione KK

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Merians AS. Invited commentary. [RE: Quality-of-life change associated with robotic-assisted therapy to improve hand motor function in patients with subacute stroke: a randomized clinical trial.] 2010;90:504–506.

Mesters I: See van Weert E

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Miller PA, Nayer M, Eva KW. Psychometric properties of a peer-assessment program to assess continuing competence in physical therapy. 2010;90:1026–1038.

Miller WC: See Harris JE

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Mintken PE, Cleland JA, Carpenter KJ, et al. Author response to letter to the editor. [RE: Some factors predict successful short-term outcomes in individuals with shoulder pain receiving cervicothoracic manipulation: a single-arm trial.] 2010;90:644–646.

Mintken PE, Cleland JA, Carpenter KJ, et al. Some factors predict successful short-term outcomes in individuals with shoulder pain receiving cervicothoracic manipulation: a single-arm trial. 2010;90:26–42.

Mintken PE: See Cleland JA

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Moreau NG, Simpson KN, Teefey SA, Damiano DL. Muscle architecture predicts maximum strength and is related to activity levels in cerebral palsy. 2010;90:1619–1630.

Morris ME, Martin CL, Schenkman ML. Striding out with Parkinson disease: evidence-based physical therapy for gait disorders. 2010;90:280–288.

Mortensen OS: See Andersen LL

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Muir SW, Berg K, Chesworth B, et al. Balance impairment as a risk factor for falls in community-dwelling older adults who are high functioning: a prospective study. 2010;90:338–347.

Mulroy SJ, Klassen T, Gronley JK, et al. Gait parameters associated with responsiveness to treadmill training with body-weight support after stroke: an exploratory study. 2010;90:209–223.

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Namdari S, Pill SG, Makani A, Keenan MA. Rectus femoris to gracilis muscle transfer with fractional lengthening of the vastus muscles: a treatment for adults with stiff knee gait. 2010;90:261–268.

Naughton IV: See Mangione KK

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Nijs J, Mannerkorpi K, Descheemaeker F, Van Houdenhove B. Primary care physical therapy in people with fibromyalgia: opportunities and boundaries within a monodisciplinary setting. 2010;90:1815–1822.

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Norman E, Sherburn M, Osborne RH, Galea MP. An exercise and education program improves well-being of new mothers: a randomized controlled trial. 2010;90:348–355.

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Petursdottir U, Arnadottir SA, Halldorsdottir S. Facilitators and barriers to exercising among people with osteoarthritis: a phenomenological study. 2010;90:1014–1025.

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Prosser LA, Lee SCK, VanSant AF, Lauer RT. Author response to invited commentary. [RE: Trunk and hip muscle activation patterns are different during walking in young children with and without cerebral palsy.] 2010;90:999–1000.

Prosser LA, Lee SCK, VanSant AF, et al. Trunk and hip muscle activation patterns are different during walking in young children with and without cerebral palsy. 2010;90:986–997.

Pua YH, Bennell KL. Invited commentary. [RE: Quantifying self-report measures' overestimation of mobility scores postarthroplasty.] 2010;90:1298–1299.

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Racette SB, Cade WT, Beckmann LR. School-based physical activity and fitness promotion. 2010;90:1214–1218.

Rafferty MR: See Saraf P

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Rauch A, Escorpizo R, Riddle DL, et al. Using a case report of a patient with spinal cord injury to illustrate the application of the *International Classification of Functioning, Disability and Health* during multidisciplinary patient management. 2010;90:1039–1052.

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Reisman DS, Bastian AJ, Morton SM. Neurophysiologic and rehabilitation insights from the split-belt and other locomotor adaptation paradigms. 2010;90:187–195.

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Rivard LM, Russell DJ, Roxborough L, et al. Promoting the use of measurement tools in practice: a mixed-methods study of the activities and experiences of physical therapist knowledge brokers. 2010;90:1580–1590.

Road JD: See Roig M

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Rohll JB. Letter to the editor. [RE: Increasing muscle extensibility: a matter of increasing length or modifying sensation?] 2010;90:962.

Roig M, Eng JJ, MacIntyre DL, et al. Associations of the Stair Climb Power Test with muscle strength and functional performance in people with chronic obstructive pulmonary disease: a cross-sectional study. 2010;90:1774–1782.

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Rutten GM, Degen S, Hendriks EJ, et al. Adherence to clinical practice guidelines for low back pain in physical therapy: do patients benefit? 2010;90:1111–1122.

Rutten GM, Harting J, Hendriks EJ. Author response to letter to the editor. [RE: Adherence to clinical practice guidelines for low back pain in physical therapy: do patients benefit?] 2010;90:1899–1900.

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Saraf P, Rafferty MR, Moore JL, et al. Daily stepping in individuals with motor incomplete spinal cord injury. 2010;90:224–235.

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Sharma NK, Ryals JM, Gajewski BJ, Wright DE. Aerobic exercise alters analgesia and neurotrophin-3 synthesis in an animal model of chronic widespread pain. 2010;90:714–725.

Shay BL: See Desai A

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Shirley D, van der Ploeg HP, Bauman AE. Physical activity promotion in the physical therapy setting: perspectives from practitioners and students. 2010;90:1311–1322.

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Skjaerven LH, Kristoffersen K, Gard G. How can movement quality be promoted in clinical practice? A phenomenological study of physical therapist experts. 2010;90:1479–1492.

Skinner E: See Delany CM

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Sled EA, Khoja L, Deluzio KJ, et al. Effect of a home program of hip abductor exercises on knee joint loading, strength, function, and pain in people with knee osteoarthritis: a clinical trial. 2010;90:895–904.

Smedslund G: See Kjeken I

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Smith BA, Fields CJ, Fernandez N. Author response to invited commentary. [RE; Physical therapists make accurate and appropriate discharge recommendations for patients who are acutely ill.] 2010;90:705–706.

Smith BA, Fields CJ, Fernandez N. Author response to letter to the editor. [RE: Physical therapists make accurate and appropriate discharge recommendations for patients who are acutely ill.] 2010;90:1203–1204.

Smith BA, Fields CJ, Fernandez N. Physical therapists make accurate and appropriate discharge recommendations for patients who are acutely ill. 2010;90:693–703.

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Stanton TR, Hancock MJ, Maher CG, Koes BW. Author response to invited commentary. [RE: Critical appraisal of clinical prediction rules that aim to optimize treatment selection for musculoskeletal conditions.] 2010;90:858–859.

Stanton TR, Hancock MJ, Maher CG, Koes BW. Critical appraisal of clinical prediction rules that aim to optimize treatment selection for musculoskeletal conditions. 2010;90:843–854.

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Stevens JGA, Beurskens AJMH. Implementation of measurement instruments in physical therapist practice: development of a tailored strategy. 2010;90:953–961.

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Stratford PW. The added value of confidence intervals. 2010;90:333–335.

Stratford PW, Kennedy DM, Maly MR, MacIntyre NJ. Author response. [RE: Quantifying self-report measures' overestimation of mobility scores postarthroplasty.] 2010;90:1300–1301.

Stratford PW, Kennedy DM, Maly MR, MacIntyre NJ. Quantifying self-report measures' overestimation of mobility scores postarthroplasty. 2010;90: 1288–1296.

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Swisher LL, Hiller P; the APTA Task Force to Revise the Core Ethics Documents. The revised APTA *Code of Ethics* for the physical therapist and *Standards of Ethical Conduct for the Physical Therapist Assistant*: theory, purpose, process, and significance. 2010;90:803–824.

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Tate JJ, Milner CE. Real-time kinematic, temporospatial, and kinetic biofeedback during gait retraining in patients: a systematic review. 2010;90:1123–1134.

Tawashy AE, Eng JJ, Krassioukov AV, et al. Aerobic exercise during early rehabilitation for cervical spinal cord injury. 2010;90:427–437.

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Thackeray A, Fritz JM, Brennan GP, et al. A pilot study examining the effectiveness of physical therapy as an adjunct to selective nerve root block in the treatment of lumbar radicular pain from disk herniation: a randomized controlled trial. 2010;90:1717–1729.

Thomas AC: See Palmieri-Smith RM

Thomas RJ, King M, Lui K, et al. Reprint—AACVPR/ACCF/AHA 2010 update: performance measures on cardiac rehabilitation for referral to cardiac rehabilitation/secondary prevention services. 2010;90: 1373–1382. [Reprinted from *J Am Coll Cardiol*. 2010;56:1159–1167.]

Thompson JM: See Hobbs JA

Tilson JK, Sullivan KJ, Cen SY, et al; Locomotor Experience Applied Post Stroke (LEAPS) Investigative Team. Meaningful gait speed improvement during the first 60 days poststroke: minimal clinically important difference. 2010;90:196–208.

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Townsend A, Cox SM, Li LC. Qualitative research ethics: enhancing evidence-based practice in physical therapy. 2010;90:615–628.

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Tygiel PP. Letter to the editor. [RE: Exposure to low amounts of ultrasound energy does not improve soft tissue shoulder pathology: a systematic review.] 2010;90:461.

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van Weert E, May AM, Korstjens I, et al. Cancer-related fatigue and rehabilitation: a randomized controlled multicenter trial comparing physical training combined with cognitive-behavioral therapy with physical training only and with no intervention. 2010;90:1413–1425.

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Vereijken B. The complexity of childhood development: variability in perspective. 2010;90:1850–1859.

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Weppler CH. Author response to letter to the editor. [RE: Increasing muscle extensibility: a matter of increasing length or modifying sensation?] 2010;90:962-963.

Weppler CH, Magnusson SP. Increasing muscle extensibility: a matter of increasing length or modifying sensation? 2010;90:438-449.

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- Author response. Coronado RA, Sheets CZ, Cook CE, Boissonnault WG. 2010;90:1083-1084.

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Early postoperative measures predict 1- and 2-year outcomes after unilateral total knee arthroplasty: importance of contralateral limb strength. Zeni JA Jr, Snyder-Mackler L. 2010;90:43–54.

Effect of a home program of hip abductor exercises on knee joint loading, strength, function, and pain in people with knee osteoarthritis: a clinical trial. Sled EA, Khoja L, Deluzio KJ, et al. 2010;90:895–904.

Exercise for osteoarthritis of the knee. Lin C-WC, Taylor D, Bierma-Zeinstra SMA, Maher CG. 2010;90:839–842.

Facilitators and barriers to exercising among people with osteoarthritis: a phenomenological study. Petursdottir U, Arnadottir SA, Halldorsdottir S. 2010;90:1014–1025.

Progressive resistance training improves overall physical activity levels in patients with early osteoarthritis of the knee: a randomized controlled trial. Farr JN, Going SB, McKnight PE, et al. 2010;90:356–366.

What's in team rehabilitation care after arthroplasty for osteoarthritis? Results from a multicenter, longitudinal study assessing structure, process, and outcome. Grotle M, Garratt AM, Klokkerud M, et al. 2010;90:121–131.

Rheumatoid Arthritis

How to develop patient-centered research: some perspectives based on surveys among people with rheumatic diseases in Scandinavia. Kjeken I, Ziegler C, Skrolsvik J, et al. 2010;90:450–460.

B

Balance

A balance exercise program appears to improve function for patients with total knee arthroplasty: a randomized clinical trial. Piva SR, Gil AB, Almeida GJM, et al. 2010;90:880–894.

Balance impairment as a risk factor for falls in community-dwelling older adults who are high functioning: a prospective study. Muir SW, Berg K, Chesworth B, et al. 2010;90:338–347.

Construct validity of the assessment of balance in children who are developing typically and in children with hearing impairments. De Kegel A, Dhooge I, Peersman W, et al. 2010;90:1783–1794.

Decreased muscle strength relates to self-reported stooping, crouching, or kneeling difficulty in older adults. Hernandez ME, Goldberg A, Alexander NB. 2010;90:67–74.

Development of a computerized adaptive test for assessing balance function in patients with stroke. Hsueh I-P, Chen J-H, Wang C-H, et al. 2010;90:1336–1344.

Effect of a perturbation-based balance training program on compensatory stepping and grasping reactions in older adults: a randomized controlled trial. Mansfield A, Peters AL, Liu BA, Maki BE. 2010;90:476–491.

- Invited commentary. Horak FB, King LA. 2010;90:491–492.
- Author response. Mansfield A, Peters AL, Liu BA, Maki BE. 2010;90:492.

Fall and balance outcomes after an intervention to promote leg strength, balance, and walking in people with diabetic peripheral neuropathy: "Feet First" randomized controlled trial. Kruse RL, LeMaster JW, Madsen RW. 2010;90:1568–1579.

Improved fall-related efficacy in older adults related to changes in dynamic gait ability. Bishop MD, Patterson TS, Romero S, Light KE. 2010;90:1598–1606.

Relationship between dynamic balance measures and functional performance in community-dwelling elderly people. Desai A, Goodman V, Kapadia N, et al. 2010;90:748–760.

A simple clinical scale to stratify risk of recurrent falls in community-dwelling adults aged 65 years and older. Buatois S, Perret-Guillaume C, Gueguen R, et al. 2010;90:550–560.

Behavior Modification

Adherence to behavioral interventions for urge incontinence when combined with drug therapy: adherence rates, barriers, and predictors. Borello-France D, Burgio KL, Goode PS, et al; for the Urinary Incontinence Treatment Network. 2010;90:1493–1505.

- Invited commentary. Sran MM, Wilson P, Lieblich P. 2010;90:1505–1507.
- Author response. Borello-France D, Burgio KL, Goode PS, et al. 2010;90:1507–1509.

Biofeedback

Real-time kinematic, temporospatial, and kinetic biofeedback during gait retraining in patients: a systematic review. Tate JJ, Milner CE. 2010;90:1123–1134.

C

Cardiac

General

Cognitive load and dual-task performance during locomotion poststroke: a feasibility study using a functional virtual environment. Kizony R, Levin MF, Hughey L, et al. 2010;90:252–260.

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Effect of intensive outpatient physical training on gait performance and cardiovascular health in people with hemiparesis after stroke. Jørgensen JR, Bech-Pedersen DT, Zeeman P, et al. 2010;90:527–537.

- Letter to the editor. Corea F, Scarponi F, Zampolini M. 2010;90:826.

Gait parameters associated with responsiveness to treadmill training with body-weight support after stroke: an exploratory study. Mulroy SJ, Klassen T, Gronley JK, et al. 2010;90:209–223.

Meaningful gait speed improvement during the first 60 days poststroke: minimal clinically important difference. Tilson JK, Sullivan KJ, Cen SY, et al; Locomotor Experience Applied Post Stroke (LEAPS) Investigative Team. 2010;90:196–208.

Quality-of-life change associated with robotic-assisted therapy to improve hand motor function in patients with subacute stroke: a randomized clinical trial. Kutner NG, Zhang R, Butler AJ, et al. 2010;90:493–504.

- Invited commentary. Merians AS. 2010;90:504–506.
- Author response. Alberts JL, Wolf SL, Kutner NG. 2010;90:506–508.

Reprint—AACVPR/ACCF/AHA 2010 update: performance measures on cardiac rehabilitation for referral to cardiac rehabilitation/secondary prevention services. Thomas RJ, King M, Lui K, et al. 2010;90:1373–1382. [Reprinted from *J Am Coll Cardiol*. 2010;56:1159–1167.]

- Correction. 2010;90:1906.

The role of caregiver involvement in upper-limb treatment in individuals with subacute stroke. Harris JE, Eng JJ, Miller WC, Dawson AS. 2010;90:1302–1310.

Cerebral Palsy

Gait

Can strength training predictably improve gait kinematics? A pilot study on the effects of hip and knee extensor strengthening on lower-extremity alignment in cerebral palsy. Damiano DL, Arnold AS, Steele KM, Delp SL. 2010;90:269–279.

Trunk and hip muscle activation patterns are different during walking in young children with and without cerebral palsy. Prosser LA, Lee SCK, VanSant AF, et al. 2010;90:986–997.

- Invited commentary. Wagenaar RC. 2010;90:997–999.
- Author response. Prosser LA, Lee SCK, VanSant AF, Lauer RT. 2010;90:999–1000.

General

Determinants of social participation—with friends and others who are not family members—for youths with cerebral palsy. Kang L-J, Palisano RJ, Orlin MN, et al. 2010;90:1743–1757.

Family priorities for activity and participation of children and youth with cerebral palsy. Chiarello LA, Palisano RJ, Maggs JM, et al. 2010;90:1254–1264.

Muscle architecture predicts maximum strength and is related to activity levels in cerebral palsy. Moreau NG, Simpson KN, Teefey SA, Damiano DL. 2010;90:1619–1630.

Treatment

A comparison of interventions for children with cerebral palsy to improve sitting postural control: a clinical trial. Harbourne RT, Willett S, Kyvelidou A, et al. 2010;90:1881–1898.

Pediatric Endurance and Limb Strengthening (PEDALS) for children with cerebral palsy using stationary cycling: a randomized controlled trial. Fowler EG, Knutson LM, DeMuth SK, et al; for the Physical Therapy Clinical Research Network (PTClinResNet). 2010;90:367–381.

Reference values for aerobic fitness in children, adolescents, and young adults who have cerebral palsy and are ambulatory. Verschuren O, Bloemen M, Kruitwagen C, Takken T. 2010;90:1148–1156.

Community Health

Access to physical therapy services among medically underserved adults: a mixed-method study. McCallum CA. 2010;90:735–747.

Editorial: Physical therapists in post-earthquake Haiti: seeking a balance between humanitarian service and research. Landry MD. 2010;90:974–976.

Computers

Clinical interpretation of outcome measures generated from a lumbar computerized adaptive test. Wang Y-C, Hart DL, Werneke M, et al. 2010;90:1323–1335.

A computerized adaptive test for patients with shoulder impairments produced responsive measures of function. Hart DL, Wang Y-C, Cook KF, Mioduski JE. 2010;90:928–938.

Development of a computerized adaptive test for assessing balance function in patients with stroke. Hsueh I-P, Chen J-H, Wang C-H, et al. 2010;90:1336–1344.

D

Decision Making

Novice and experienced physical therapist clinicians: a comparison of how reflection is used to inform the clinical decision-making process. Wainwright SF, Shepard KF, Harman LB, Stephens J. 2010;90:75–88.

Diabetes

Fall and balance outcomes after an intervention to promote leg strength, balance, and walking in people with diabetic peripheral neuropathy: "Feet First" randomized controlled trial. Kruse RL, LeMaster JW, Madsen RW. 2010;90:1568–1579.

E

Editorials

Editorial: Improving the evidence base for physical therapy disability interventions. Jette AM, Latham N. 2010;90:324–325.

Editorial: Jacquelin Perry, 9 feet tall. Craik RL. 2010;90:142–145.

- Letter to the editor. Perry J. 2010;90:825.

Editorial: The new demands of acute care: are we ready? Malone DJ. 2010;90:1370–1372.

Editorial: New steps to "*Move Forward*™." Craik RL. 2010;90:1706–1707.

Editorial: Physical therapists in post-earthquake Haiti: seeking a balance between humanitarian service and research. Landry MD. 2010;90:974–976.

Editorial: PTJ helps clinicians link evidence to patient care. Jette DU, Buchbinder R. 2010;90:6–7.

Editorial: Retaining trust. Craik RL. 2010;90:322–323.

Editorial: Stepping forward with gait rehabilitation. Eng JJ, Mulroy SJ. 2010;90:146–148.

Editorial: Submission guidelines get to the point. Craik RL. 2010;90:475.

Editorial: Variability in childhood development. Helders PJM. 2010;90:1708–1709.

Education

Patient/Family

An exercise and education program improves well-being of new mothers: a randomized controlled trial. Norman E, Sherburn M, Osborne RH, Galea MP. 2010;90:348–355.

School-based physical activity and fitness promotion. Racette SB, Cade WT, Beckmann LR. 2010;90:1214–1218.

Education: Physical Therapist

Continuing Education

Continuing professional development is associated with increasing physical therapists' roles in arthritis management in Canada and the Netherlands. Li LC, Hurkmans EJ, Sayre EC, Vliet Vlieland TPM. 2010;90:629–642.

General

The first year of practice: an investigation of the professional learning and development of promising novice physical therapists. Black LL, Jensen GM, Mostrom E, et al. 2010;90:1758–1773.

Electromyography

Construct validity of muscle force tests of the rotator cuff muscles: an electromyographic investigation. Brookham RL, McLean L, Dickerson CR. 2010;90:572–580.

Electrotherapy

Electrical Stimulation

A clinical trial of neuromuscular electrical stimulation in improving quadriceps muscle strength and activation among women with mild and moderate osteoarthritis. Palmieri-Smith RM, Thomas AC, Karvonen-Gutierrez C, Sowers MF. 2010;90:1441–1452.

Interhemispheric modulation induced by cortical stimulation and motor training. Williams JA, Pascual-Leone A, Fregni F. 2010;90:398–410.

Novel patterns of functional electrical stimulation have an immediate effect on dorsiflexor muscle function during gait for people poststroke. Kesar TM, Perumal R, Jancosko A, et al. 2010;90:55–66.

General

Effectiveness of interferential current therapy in the management of musculoskeletal pain: a systematic review and meta-analysis. Fuentes JP, Armijo Olivo S, Magee DJ, Gross DP. 2010;90:1219–1238.

Emergency Care and Planning

Physical therapy in the emergency department: development of a novel practice venue. Fleming-McDonnell D, Czuppon S, Deusinger SS, Deusinger RH. 2010;90:420–426.

Energy Expenditure

Gait biomechanics, spatial and temporal characteristics, and the energy cost of walking in older adults with impaired mobility. Wert DM, Brach J, Perera S, VanSwearingen JM. 2010;90:977–985.

Equipment

Exercise

Effect of treadmill training and supramalleolar orthosis use on motor skill development in infants with Down syndrome: a randomized clinical trial. Looper J, Ulrich DA. 2010;90:382–390.

Effects of various treadmill interventions on the development of joint kinematics in infants with Down syndrome. Wu J, Looper J, Ulrich DA, Angulo-Barroso RM. 2010;90:1265–1276.

Gait parameters associated with responsiveness to treadmill training with body-weight support after stroke: an exploratory study. Mulroy SJ, Klassen T, Gronley JK, et al. 2010;90:209–223.

Pediatric Endurance and Limb Strengthening (PEDALS) for children with cerebral palsy using stationary cycling: a randomized controlled trial. Fowler EG, Knutson LM, DeMuth SK, et al; for the Physical Therapy Clinical Research Network (PTClinResNet). 2010;90:367–381.

General

Quality-of-life change associated with robotic-assisted therapy to improve hand motor function in patients with subacute stroke: a randomized clinical trial. Kutner NG, Zhang R, Butler AJ, et al. 2010;90:493–504.

- Invited commentary. Merians AS. 2010;90:504–506.
- Author response. Alberts JL, Wolf SL, Kutner NG. 2010;90:506–508.

Validation of a new device to measure postsurgical scar adherence. Ferriero G, Vercelli S, Salgovic L, et al. 2010;90:776–783.

Ethics

Closing the gap between ethics knowledge and practice through active engagement: an applied model of physical therapy ethics. Delany CM, Edwards I, Jensen GM, Skinner E. 2010;90:1068–1078.

- Invited comentary. Geddes EL. 2010;90:1078–1080.
- Author response. Delany CM, Edwards I, Jensen GM, Skinner E. 2010;90:1081–1082.

Constrained physical therapist practice: an ethical case analysis of recommending discharge placement from the acute care setting. Nalette E. 2010;90:939–952.

Qualitative research ethics: enhancing evidence-based practice in physical therapy. Townsend A, Cox SM, Li LC. 2010;90:615–628.

Understanding the lived experiences of patients: application of a phenomenological approach to ethics. Greenfield BH, Jensen GM. 2010;90:1185–1197.

- Invited commentary. Swisher LL. 2010;90:1197–1200.
- Author response. Greenfield BH, Jensen GM. 2010;90:1200–1201.

Evidence-Based Practice

The added value of confidence intervals. Stratford PW. 2010;90:333–335.

Editorial: Improving the evidence base for physical therapy disability interventions. Jette AM, Latham N. 2010;90:324–325.

Editorial: PTJ helps clinicians link evidence to patient care. Jette DU, Buchbinder R. 2010;90:6–7.

Qualitative research ethics: enhancing evidence-based practice in physical therapy. Townsend A, Cox SM, Li LC. 2010;90:615–628.

Striding out with Parkinson disease: evidence-based physical therapy for gait disorders. Morris ME, Martin CL, Schenkman ML. 2010;90:280–288.

Exercise

General

Aerobic exercise alters analgesia and neurotrophin-3 synthesis in an animal model of chronic widespread pain. Sharma NK, Ryals JM, Gajewski BJ, Wright DE. 2010;90:714–725.

Aerobic exercise during early rehabilitation for cervical spinal cord injury. Tawashy AE, Eng JJ, Krassioukov AV, et al. 2010;90:427–437.

A balance exercise program appears to improve function for patients with total knee arthroplasty: a randomized clinical trial. Piva SR, Gil AB, Almeida GJM, et al. 2010;90:880–894.

The cancer rehabilitation journey: barriers to and facilitators of exercise among patients with cancer-related fatigue. Blaney J, Lowe-Strong A, Rankin J, et al. 2010;90:1135–1147.

Can we explain heterogeneity among randomized clinical trials of exercise for chronic back pain? A meta-regression analysis of randomized controlled trials. Ferreira ML, Smeets RJEM, Kamper SJ, et al. 2010;90:1383–1403.

Development of a therapeutic exercise program for patients with osteoarthritis of the hip. Fernandes L, Storheim K, Nordsletten L, Risberg MA. 2010;90:592–601.

Do as I do: exercise habits of physical therapists, physical therapist assistants, and student physical therapists. Chevan J, Haskvitz EM. 2010;90:726–734.

Effect of a home program of hip abductor exercises on knee joint loading, strength, function, and pain in people with knee osteoarthritis: a clinical trial. Sled EA, Khoja L, Deluzio KJ, et al. 2010;90:895–904.

Effects of a 6-week, individualized, supervised exercise program for people with bleeding disorders and hemophilic arthritis. Mulvany R, Zucker-Levin AR, Jeng M, et al. 2010;90:509–526.

Effects of traditional sit-up training versus core stabilization exercises on short-term musculoskeletal injuries in US Army soliders: a cluster randomized trial. Childs JD, Teyhen DS, Casey PR, et al. 2010;90:1404–1412.

An exercise and education program improves well-being of new mothers: a randomized controlled trial. Norman E, Sherburn M, Osborne RH, Galea MP. 2010;90:348–355.

Exercise for osteoarthritis of the knee. Lin C-WC, Taylor D, Bierma-Zeinstra SMA, Maher CG. 2010;90:839–842.

Facilitators and barriers to exercising among people with osteoarthritis: a phenomenological study. Petursdottir U, Arnadottir SA, Halldorsdottir S. 2010;90:1014–1025.

[Motor control exercise for chronic low back pain: a randomized placebo-controlled trial. Costa LOP, Maher CG, Latimer J, et al. 2009;89:1275–1286.

- Invited commentary. Fritz JM. 2009;89:1287–1289.
- Author response. Costa LOP, Maher CG, Latimer J, et al. 2009;89:1289–1291.]
- Letter to the editor. Weiss PC. 2010;90:307.
- Author response. Costa LOP, Maher CG, Latimer J, et al. 2010;90:307–308.
- Letter to the editor. Hart DL, Werneke MW. 2010;90:308–310.
- Author response. Costa LOP, Maher CG, Latimer J, et al. 2010;90:310–311.

Motor control exercises, sling exercises, and general exercises for patients with chronic low back pain: a randomized controlled trial with 1-year follow-up. Unsgaard-Tøndel M, Fladmark AM, Salvesen Ø, Vasseljen O. 2010;90:1426–1440.

Muscle activation and perceived loading during rehabilitation exercises: comparison of dumbbells and elastic resistance. Andersen LL, Andersen CH, Mortensen OS, et al. 2010;90:538–549.

Range of Motion

Examination of a clinical prediction rule to identify patients with neck pain likely to benefit from thoracic spine thrust manipulation and a general cervical range of motion exercise: multi-center randomized clinical trial. Cleland JA, Mintken PE, Carpenter K, et al. 2010;90:1239–1250.

- Invited commentary. Hancock MJ. 2010;90:1250–1252.
- Author response. Cleland JA, Fritz JM, Mintken PE, et al. 2010;90:1252–1253.

Strengthening

Adherence to behavioral interventions for urge incontinence when combined with drug therapy: adherence rates, barriers, and predictors. Borello-France D, Burgio KL, Goode PS, et al; for the Urinary Incontinence Treatment Network. 2010;90:1493–1505.

- Invited commentary. Sran MM, Wilson P, Lieblich P. 2010;90:1505–1507.
- Author response. Borello-France D, Burgio KL, Goode PS, et al. 2010;90:1507–1509

Cochrane review: improving physical function and performance with progressive resistance strength training in older adults. Mangione KK, Miller AH, Naughton IV. 2010;90:1711–1715.

Fall and balance outcomes after an intervention to promote leg strength, balance, and walking in people with diabetic peripheral neuropathy: "Feet First" randomized controlled trial. Kruse RL, LeMaster JW, Madsen RW. 2010;90:1568–1579.

F

Facial Paralysis

Comprehensive facial rehabilitation improves function in people with facial paralysis: a 5-year experience at the Massachusetts Eye and Ear Infirmary. Lindsay RW, Robinson M, Hadlock TA. 2010;90:391–397.

Fatigue

The cancer rehabilitation journey: barriers to and facilitators of exercise among patients with cancer-related fatigue. Blaney J, Lowe-Strong A, Rankin J, et al. 2010;90:1135–1147.

Cancer-related fatigue and rehabilitation: a randomized controlled multicenter trial comparing physical training combined with cognitive-behavioral therapy with physical training only and with no intervention. van Weert E, May AM, Korstjens I, et al. 2010;90:1413-1425.

• Correction. 2010;90:1906.

Conceptual model for physical therapist management of chronic fatigue syndrome/myalgic encephalomyelitis. Davenport TE, Stevens SR, VanNess MJ, et al. 2010;90:602-614.

Foundation for Physical Therapy

Scholarships, Fellowships, and Grants. 2010;90:132-133, 312-313, 464-465, 648-649, 828-829, 964-965, 1087-1088, 1205-1206, 1357-1358, 1545-1546, 1697-1698, 1903-1904.

Functional Training and Activities

A balance exercise program appears to improve function for patients with total knee arthroplasty: a randomized clinical trial. Piva SR, Gil AB, Almeida GJM, et al. 2010;90:880-894.

Cancer-related fatigue and rehabilitation: a randomized controlled multicenter trial comparing physical training combined with cognitive-behavioral therapy with physical training only and with no intervention. van Weert E, May AM, Korstjens I, et al. 2010;90:1413-1425.

• Correction. 2010;90:1906.

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• Invited commentary. Horak FB, King LA. 2010;90:491-492.

• Author response. Mansfield A, Peters AL, Liu BA, Maki BE. 2010;90:492.

Effect of intensive outpatient physical training on gait performance and cardiovascular health in people with hemiparesis after stroke. Jørgensen JR, Bech-Pedersen DT, Zeeman P, et al. 2010;90:527-537.

• Letter to the editor. Corea F, Scarponi F, Zampolini M. 2010;90:826.

Graded activity and graded exposure for persistent nonspecific low back pain: a systematic review. Macedo LG, Smeets RJEM, Maher CG, et al. 2010;90:860-879.

Physical activity behavior of people with multiple sclerosis: understanding how they can become more physically active. Beckerman H, de Groot V, Scholten MA, et al. 2010;90:1001-1013.

Physical activity promotion in the physical therapy setting: perspectives from practitioners and students. Shirley D, van der Ploeg HP, Bauman AE. 2010;90: 1311-1322.

G

Geriatrics

Balance impairment as a risk factor for falls in community-dwelling older adults who are high functioning: a prospective study. Muir SW, Berg K, Chesworth B, et al. 2010;90:338-347.

Detectable changes in physical performance measures in elderly African Americans. Mangione KK, Craik RL, McCormick AA, et al. 2010;90:921-927.

Effect of a perturbation-based balance training program on compensatory stepping and grasping reactions in older adults: a randomized controlled trial. Mansfield A, Peters AL, Liu BA, Maki BE. 2010;90:476-491.

• Invited commentary. Horak FB, King LA. 2010;90:491-492.

• Author response. Mansfield A, Peters AL, Liu BA, Maki BE. 2010;90:492.

Functional gait assessment: concurrent, discriminative, and predictive validity in community-dwelling older adults. Wrisley DM, Kumar NA. 2010;90:761-773.

• Invited commentary. Brach JS. 2010;90:774-775.

Gait biomechanics, spatial and temporal characteristics, and the energy cost of walking in older adults with impaired mobility. Wert DM, Brach J, Perera S, VanSwearingen JM. 2010;90: 977-985.

Improved fall-related efficacy in older adults related to changes in dynamic gait ability. Bishop MD, Patterson TS, Romero S, Light KE. 2010;90:1598-1606.

Kinematics of rising from a chair: image-based analysis of the sagittal hip-spine movement pattern in elderly people who are healthy. Fotoohabadi MR, Tully EA, Galea MP. 2010;90:561-571.

Relationship between dynamic balance measures and functional performance in community-dwelling elderly people. Desai A, Goodman V, Kapadia N, et al. 2010;90: 748-760.

Sarcopenia, cardiopulmonary fitness, and physical disability in community-dwelling elderly people. Chien M-Y, Kuo H-K, Wu Y-T. 2010;90:1277-1287.

A simple clinical scale to stratify risk of recurrent falls in community-dwelling adults aged 65 years and older. Buatois S, Perret-Guillaume C, Gueguen R, et al. 2010;90:550-560.

Walking skill can be assessed in older adults: validity of the Figure-of-8 Walk Test. Hess RJ, Brach JS, Piva SR, VanSwearingen JM. 2010;90:89-99.

Walking speed threshold for classifying walking independence in hospitalized older adults. Graham JE, Fisher SR, Bergés I-M, et al. 2010;90:1591-1597.

H

Health Care

Comparative effectiveness research: opportunities and challenges for physical therapy. Freburger JK, Carey TS. 2010;90:327-332.

Editorial: The new demands of acute care: are we ready? Malone DJ. 2010;90:1370–1372.

An exercise and education program improves well-being of new mothers: a randomized controlled trial. Norman E, Sherburn M, Osborne RH, Galea MP. 2010;90:348–355.

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Effect of intensive outpatient physical training on gait performance and cardiovascular health in people with hemiparesis after stroke. Jørgensen JR, Bech-Pedersen DT, Zeeman P, et al. 2010;90:527–537.

- Letter to the editor. Corea F, Scarponi F, Zampolini M. 2010;90:826.

Hemophilia

Effects of a 6-week, individualized, supervised exercise program for people with bleeding disorders and hemophilic arthritis. Mulvany R, Zucker-Levin AR, Jeng M, et al. 2010;90:509–526.

Home Care

The role of caregiver involvement in upper-limb treatment in individuals with subacute stroke. Harris JE, Eng JJ, Miller WC, Dawson AS. 2010;90:1302–1310.

Hydrotherapy

General

Motor and sensory nerve conduction are affected differently by ice pack, ice massage, and cold water immersion. Herrera E, Sandoval MC, Camargo DM, Salvini TF. 2010;90:581–591.

K

Kinesiology/Biomechanics

Gait Analysis

Can strength training predictably improve gait kinematics? A pilot study on the effects of hip and knee extensor strengthening on lower-extremity alignment in cerebral palsy. Damiano DL, Arnold AS, Steele KM, Delp SL. 2010;90:269–279.

Cognitive load and dual-task performance during locomotion poststroke: a feasibility study using a functional virtual environment. Kizony R, Levin MF, Hughey L, et al. 2010;90:252–260.

Daily stepping in individuals with motor incomplete spinal cord injury. Saraf P, Rafferty MR, Moore JL, et al. 2010;90:224–235.

- Invited commentary. Bowden MG, Behrman AL. 2010;90:235–237.
- Author response. Saraf P, Rafferty MR, Moore JL, et al. 2010;90:237–239.

Dynamic principles of gait and their clinical implications. Kuo AD, Donelan JM. 2010;90:157–174.

- Invited commentary. Eng JJ. 2010;90:174–176.

Editorial: Jacquelin Perry, 9 feet tall. Craik RL. 2010;90:142–145.

Editorial: Stepping forward with gait rehabilitation. Eng JJ, Mulroy SJ. 2010;90:146–148.

Effect of intensive outpatient physical training on gait performance and cardiovascular health in people with hemiparesis after stroke. Jørgensen JR, Bech-Pedersen DT, Zeeman P, et al. 2010;90:527–537.

- Letter to the editor. Corea F, Scarponi F, Zampolini M. 2010;90:826.

Functional gait assessment: concurrent, discriminative, and predictive validity in community-dwelling older adults. Wrisley DM, Kumar NA. 2010;90:761–773.

- Invited commentary. Brach JS. 2010;90:774–775.

Gait biomechanics, spatial and temporal characteristics, and the energy cost of walking in older adults with impaired mobility. Wert DM, Brach J, Perera S, VanSwearingen JM. 2010;90:977–985.

Gait parameters associated with responsiveness to treadmill training with body-weight support after stroke: an exploratory study. Mulroy SJ, Klassen T, Gronley JK, et al. 2010;90:209–223.

How does explicit prioritization alter walking during dual-task performance? Effects of age and sex on gait speed and variability. Yogev-Seligmann G, Rotem-Galili Y, Mirelman A, et al. 2010;90:177–186.

Improved fall-related efficacy in older adults related to changes in dynamic gait ability. Bishop MD, Patterson TS, Romero S, Light KE. 2010;90:1598–1606.

Meaningful gait speed improvement during the first 60 days poststroke: minimal clinically important difference. Tilson JK, Sullivan KJ, Cen SY, et al; Locomotor Experience Applied Post Stroke (LEAPS) Investigative Team. 2010;90:196–208.

Mental practice for relearning locomotor skills. Malouin F, Richards CL. 2010;90:240–251.

Neurophysiologic and rehabilitation insights from the split-belt and other locomotor adaptation paradigms. Reisman DS, Bastian AJ, Morton SM. 2010;90:187–195.

Novel patterns of functional electrical stimulation have an immediate effect on dorsiflexor muscle function during gait for people poststroke. Kesar TM, Perumal R, Jancosko A, et al. 2010;90:55–66.

Real-time kinematic, temporospatial, and kinetic biofeedback during gait retraining in patients: a systematic review. Tate JJ, Milner CE. 2010;90:1123–1134.

Rectus femoris to gracilis muscle transfer with fractional lengthening of the vastus muscles: a treatment for adults with stiff knee gait. Namdari S, Pill SG, Makani A, Keenan MA. 2010;90:261–268.

Similarity of joint kinematics and muscle demands between elliptical training and walking: implications for practice. Burnfield JM, Shu Y, Buster T, Taylor A. 2010;90:289–305.

Striding out with Parkinson disease: evidence-based physical therapy for gait disorders. Morris ME, Martin CL, Schenkman ML. 2010;90:280–288.

Walking skill can be assessed in older adults: validity of the Figure-of-8 Walk Test. Hess RJ, Brach JS, Piva SR, VanSwearingen JM. 2010;90:89–99.

Walking speed threshold for classifying walking independence in hospitalized older adults. Graham JE, Fisher SR, Bergés I-M, et al. 2010;90:1591–1597.

General

Decreased muscle strength relates to self-reported stooping, crouching, or kneeling difficulty in older adults. Hernandez ME, Goldberg A, Alexander NB. 2010;90:67–74.

Effects of mastectomy on shoulder and spinal kinematics during bilateral upper-limb movement. Crosbie J, Kilbreath SL, Dylke E, et al. 2010;90:679–692.

Effects of various treadmill interventions on the development of joint kinematics in infants with Down syndrome. Wu J, Looper J, Ulrich DA, Angulo-Barroso RM. 2010;90:1265–1276.

Increasing muscle extensibility: a matter of increasing length or modifying sensation? Weppler CH, Magnusson SP. 2010;90:438–449.

- Clarification. 2010;90:647.
- Correction (online only).
- Letter to the editor. Rohll JB. 2010;90:962.
- Author response. Weppler CH. 2010;90:962–963.

Kinematics of rising from a chair: image-based analysis of the sagittal hip-spine movement pattern in elderly people who are healthy. Fotoohabadi MR, Tully EA, Galea MP. 2010;90:561–571.

Ongoing walking recovery 2 years after locomotor training in a child with severe incomplete spinal cord injury. Fox EJ, Tester NJ, Phadke CP, et al. 2010;90:793–802.

Relationship between dynamic balance measures and functional performance in community-dwelling elderly people. Desai A, Goodman V, Kapadia N, et al. 2010;90:748–760.

Lower Extremity

Hallux valgus and the first metatarsal arch segment: a theoretical biomechanical perspective. Glasoe WM, Nuckley DJ, Ludewig PM. 2010;90:110–120.

L

Locomotion

Cognitive load and dual-task performance during locomotion poststroke: a feasibility study using a functional virtual environment. Kizony R, Levin MF, Hughey L, et al. 2010;90:252–260.

Mental practice for relearning locomotor skills. Malouin F, Richards CL. 2010;90:240–251.

Neurophysiologic and rehabilitation insights from the split-belt and other locomotor adaptation paradigms. Reisman DS, Bastian AJ, Morton SM. 2010;90:187–195.

Ongoing walking recovery 2 years after locomotor training in a child with severe incomplete spinal cord injury. Fox EJ, Tester NJ, Phadke CP, et al. 2010;90:793–802.

Similarity of joint kinematics and muscle demands between elliptical training and walking: implications for practice. Burnfield JM, Shu Y, Buster T, Taylor A. 2010;90:289–305.

Lower Extremity

Ankle and Foot

Fall and balance outcomes after an intervention to promote leg strength, balance, and walking in people with diabetic peripheral neuropathy: "Feet First" randomized controlled trial. Kruse RL, LeMaster JW, Madsen RW. 2010;90:1568–1579.

Hallux valgus and the first metatarsal arch segment: a theoretical biomechanical perspective. Glasoe WM, Nuckley DJ, Ludewig PM. 2010;90:110–120.

Novel patterns of functional electrical stimulation have an immediate effect on dorsiflexor muscle function during gait for people poststroke. Kesar TM, Perumal R, Jancosko A, et al. 2010;90:55–66.

Reliability of ankle isometric, isotonic, and isokinetic strength and power testing in older women. Webber SC, Porter MM. 2010;90:1165–1175.

Hip

Can strength training predictably improve gait kinematics? A pilot study on the effects of hip and knee extensor strengthening on lower-extremity alignment in cerebral palsy. Damiano DL, Arnold AS, Steele KM, Delp SL. 2010;90:269–279.

Development of a therapeutic exercise program for patients with osteoarthritis of the hip. Fernandes L, Storheim K, Nordsletten L, Risberg MA. 2010;90:592–601.

Effect of a home program of hip abductor exercises on knee joint loading, strength, function, and pain in people with knee osteoarthritis: a clinical trial. Sled EA, Khoja L, Deluzio KJ, et al. 2010;90:895–904.

Kinematics of rising from a chair: image-based analysis of the sagittal hip-spine movement pattern in elderly people who are healthy. Fotoohabadi MR, Tully EA, Galea MP. 2010;90:561–571.

Physical therapist management of chronic prostatitis/chronic pelvic pain syndrome. Van Alstyne LS, Harrington KL, Haskvitz EM. 2010;90:1795–1806.

Physical therapists' perceptions of ease of care in patients receiving 2 forms of analgesia after total hip arthroplasty. Bourne MH, Chelly JE, Damaraju CV, et al. 2010;90:707–713.

Quantifying self-report measures' overestimation of mobility scores postarthroplasty. Stratford PW, Kennedy DM, Maly MR, MacIntyre NJ. 2010;90:1288–1296.

- Invited commentary. Mizner RL. 2010;90:1296–1298.
- Invited commentary. Pua YH, Bennell KL. 2010;90:1298–1299.
- Author response. Stratford PW, Kennedy DM, Maly MR, MacIntyre NJ. 2010;90:1300–1301.

Trunk and hip muscle activation patterns are different during walking in young children with and without cerebral palsy. Prosser LA, Lee SCK, VanSant AF, et al. 2010;90:986–997.

- Invited commentary. Wagenaar RC. 2010;90:997–999.

- Author response. Prosser LA, Lee SCK, VanSant AF, Lauer RT. 2010;90:999–1000.

What's in team rehabilitation care after arthroplasty for osteoarthritis? Results from a multicenter, longitudinal study assessing structure, process, and outcome. Grotle M, Garratt AM, Klokkerud M, et al. 2010;90:121–131.

Knee

A balance exercise program appears to improve function for patients with total knee arthroplasty: a randomized clinical trial. Piva SR, Gil AB, Almeida GJM, et al. 2010;90:880–894.

Can strength training predictably improve gait kinematics? A pilot study on the effects of hip and knee extensor strengthening on lower-extremity alignment in cerebral palsy. Damiano DL, Arnold AS, Steele KM, Delp SL. 2010;90:269–279.

Cross-cultural differences in knee functional status outcomes in a polyglot society represented true disparities not biased by differential item function. Deutscher D, Hart DL, Crane PK, Dickstein R. 2010;90:1730–1742.

Early postoperative measures predict 1- and 2-year outcomes after unilateral total knee arthroplasty: importance of contralateral limb strength. Zeni JA Jr, Snyder-Mackler L. 2010;90:43–54.

Effect of a home program of hip abductor exercises on knee joint loading, strength, function, and pain in people with knee osteoarthritis: a clinical trial. Sled EA, Khoja L, Deluzio KJ, et al. 2010;90:895–904.

Exercise for osteoarthritis of the knee. Lin C-WC, Taylor D, Bierma-Zeinstra SMA, Maher CG. 2010;90:839–842.

McConnell taping shifts the patella inferiorly in patients with patellofemoral pain: a dynamic magnetic resonance imaging study. Derasari A, Brindle TJ, Alter KE, Sheehan FT. 2010;90:411–419.

Novel patterns of functional electrical stimulation have an immediate effect on dorsiflexor muscle function during gait for people poststroke. Kesar TM, Perumal R, Jancosko A, et al. 2010;90:55–66.

Progressive resistance training improves overall physical activity levels in patients with early osteoarthritis of the knee: a randomized controlled trial. Farr JN, Going SB, McKnight PE, et al. 2010;90:356–366.

Quantifying self-report measures' overestimation of mobility scores postarthroplasty. Stratford PW, Kennedy DM, Maly MR, MacIntyre NJ. 2010;90:1288–1296.

- Invited commentary. Mizner RL. 2010;90:1296–1298.
- Invited commentary. Pua YH, Bennell KL. 2010;90:1298–1299.
- Author response. Stratford PW, Kennedy DM, Maly MR, MacIntyre NJ. 2010;90:1300–1301.

Rectus femoris to gracilis muscle transfer with fractional lengthening of the vastus muscles: a treatment for adults with stiff knee gait. Namdari S, Pill SG, Makani A, Keenan MA. 2010;90:261–268.

Sit-to-stand movement as a performance-based measure for patients with total knee arthroplasty. Boonstra MC, Schwering PJA, De Waal Malefijt MC, Verdonschot N. 2010;90:149–156.

What's in team rehabilitation care after arthroplasty for osteoarthritis? Results from a multicenter, longitudinal study assessing structure, process, and outcome. Grotle M, Garratt AM, Klokkerud M, et al. 2010;90:121–131.

M

Manual Therapy

Examination of a clinical prediction rule to identify patients with neck pain likely to benefit from thoracic spine thrust manipulation and a general cervical range of motion exercise: multi-center randomized clinical trial. Cleland JA, Mintken PE, Carpenter K, et al. 2010;90:1239–1250.

- Invited commentary. Hancock MJ. 2010;90:1250–1252.
- Author response. Cleland JA, Fritz JM, Mintken PE, et al. 2010;90:1252–1253.

Some factors predict successful short-term outcomes in individuals with shoulder pain receiving cervicothoracic manipulation: a single-arm trial. Mintken PE, Cleland JA, Carpenter KJ, et al. 2010;90:26–42.

- Letter to the editor. Cibulka MT, Harrell FE Jr. 2010;90:643–644.
- Author response. Mintken PE, Cleland JA, Carpenter KJ, et al. 2010;90:644–646.

Massage

Physiological Effects

Motor and sensory nerve conduction are affected differently by ice pack, ice massage, and cold water immersion. Herrera E, Sandoval MC, Camargo DM, Salvini TF. 2010;90:581–591.

Medical Conditions

Effects of various treadmill interventions on the development of joint kinematics in infants with Down syndrome. Wu J, Looper J, Ulrich DA, Angulo-Barroso RM. 2010;90:1265–1276.

Sarcopenia, cardiopulmonary fitness, and physical disability in community-dwelling elderly people. Chien M-Y, Kuo H-K, Wu Y-T. 2010;90:1277–1287.

Motor Skills

Editorial: New steps to "*Move Forward*™." Craik RL. 2010;90:1706–1707.

Effect of treadmill training and supramalleolar orthosis use on motor skill development in infants with Down syndrome: a randomized clinical trial. Looper J, Ulrich DA. 2010;90:382–390.

Interhemispheric modulation induced by cortical stimulation and motor training. Williams JA, Pascual-Leone A, Fregni F. 2010;90:398–410.

Mental practice for relearning locomotor skills. Malouin F, Richards CL. 2010;90:240–251.

[Motor control exercise for chronic low back pain: a randomized placebo-controlled trial. Costa LOP, Maher CG, Latimer J, et al. 2009;89:1275–1286.

- Invited commentary. Fritz JM. 2009;89:1287–1289.

- Author response. Costa LOP, Maher CG, Latimer J, et al. 2009;89:1289–1291.]
- Letter to the editor. Weiss PC. 2010;90:307.
- Author response. Costa LOP, Maher CG, Latimer J, et al. 2010;90:307–308.
- Letter to the editor. Hart DL, Werneke MW. 2010;90:308–310.
- Author response. Costa LOP, Maher CG, Latimer J, et al. 2010;90:310–311.

Motor control exercises, sling exercises, and general exercises for patients with chronic low back pain: a randomized controlled trial with 1-year follow-up. Unsgaard-Tøndel M, Fladmark AM, Salvesen Ø, Vasseljen O. 2010;90:1426–1440.

Quality-of-life change associated with robotic-assisted therapy to improve hand motor function in patients with subacute stroke: a randomized clinical trial. Kutner NG, Zhang R, Butler AJ, et al. 2010;90:493–504.

- Invited commentary. Merians AS. 2010;90:504–506.
- Author response. Alberts JL, Wolf SL, Kutner NG. 2010;90:506–508.

Use of muscle functional magnetic resonance imaging to compare cervical flexor activity between patients with whiplash-associated disorders and people who are healthy. Cagnie B, Dolphens M, Peeters I, et al. 2010;90:1157–1164.

Movement Science

Dynamic principles of gait and their clinical implications. Kuo AD, Donelan JM. 2010;90:157–174.

- Invited commentary. Eng JJ. 2010;90:174–176.

Editorial: Jacquelin Perry, 9 feet tall. Craik RL. 2010;90:142–145.

- Letter to the editor. Perry J. 2010;90:825.

Editorial: Stepping forward with gait rehabilitation. Eng JJ, Mulroy SJ. 2010;90:146–148.

Effects of mastectomy on shoulder and spinal kinematics during bilateral upper-limb movement. Crosbie J, Kilbreath SL, Dylke E, et al. 2010;90:679–692.

Gait biomechanics, spatial and temporal characteristics, and the energy cost of walking in older adults with impaired mobility. Wert DM, Brach J, Perera S, VanSwearingen JM. 2010;90:977–985.

How can movement quality be promoted in clinical practice? A phenomenological study of physical therapist experts. Skjaerven LH, Kristoffersen K, Gard G. 2010;90:1479–1492.

How does explicit prioritization alter walking during dual-task performance? Effects of age and sex on gait speed and variability. Yogev-Seligmann G, Rotem-Galili Y, Mirelman A, et al. 2010;90:177–186.

Improved fall-related efficacy in older adults related to changes in dynamic gait ability. Bishop MD, Patterson TS, Romero S, Light KE. 2010;90:1598–1606.

Kinematics of rising from a chair: image-based analysis of the sagittal hip-spine movement pattern in elderly people who are healthy. Fotoohabadi MR, Tully EA, Galea MP. 2010;90:561–571.

Ongoing walking recovery 2 years after locomotor training in a child with severe incomplete spinal cord injury. Fox EJ, Tester NJ, Phadke CP, et al. 2010;90:793–802.

Persistent mobility disability after neurotoxic chemotherapy. Hile ES, Fitzgerald GK, Studenski SA. 2010;90:1649–1657.

- Invited commentary. Campbell KL, McNeely ML. 2010;90:1657–1659.
- Author response. Hile ES, Fitzgerald GK, Studenski SA. 2010;90:1659.

Real-time kinematic, temporospatial, and kinetic biofeedback during gait retraining in patients: a systematic review. Tate JJ, Milner CE. 2010;90:1123–1134.

Sit-to-stand movement as a performance-based measure for patients with total knee arthroplasty. Boonstra MC, Schwering PJA, De Waal Malefijt MC, Verdonschot N. 2010;90:149–156.

Walking speed threshold for classifying walking independence in hospitalized older adults. Graham JE, Fisher SR, Bergés I-M, et al. 2010;90:1591–1597.

Muscle

Effects of statins on skeletal muscle: a perspective for physical therapists. Di Stasi SL, MacLeod TD, Winters JD, Binder-Macleod SA. 2010;90:1530–1542.

Muscle architecture predicts maximum strength and is related to activity levels in cerebral palsy. Moreau NG, Simpson KN, Teefey SA, Damiano DL. 2010;90:1619–1630.

Primary care physical therapy in people with fibromyalgia: opportunities and boundaries within a monodisciplinary setting. Nijs J, Mannerkorpi K, Descheemaeker F, Van Houdenhove B. 2010;90:1815–1822.

Similarity of joint kinematics and muscle demands between elliptical training and walking: implications for practice. Burnfield JM, Shu Y, Buster T, Taylor A. 2010;90:289–305.

Muscle Performance

General

Adherence to behavioral interventions for urge incontinence when combined with drug therapy: adherence rates, barriers, and predictors. Borello-France D, Burgio KL, Goode PS, et al; for the Urinary Incontinence Treatment Network. 2010;90:1493–1505.

- Invited commentary. Sran MM, Wilson P, Lieblich P. 2010;90:1505–1507.
- Author response. Borello-France D, Burgio KL, Goode PS, et al. 2010;90:1507–1509.

Associations of the Stair Climb Power Test with muscle strength and functional performance in people with chronic obstructive pulmonary disease: a cross-sectional study. Roig M, Eng JJ, MacIntyre DL, et al. 2010;90:1774–1782.

Decreased muscle strength relates to self-reported stooping, crouching, or kneeling difficulty in older adults. Hernandez ME, Goldberg A, Alexander NB. 2010;90:67–74.

Increasing muscle extensibility: a matter of increasing length or modifying sensation? Weppler CH, Magnusson SP. 2010;90:438-449.

- Clarification. 2010;90:647.
- Correction (online only).
- Letter to the editor. Rohll JB. 2010;90:962.
- Author response. Weppler CH. 2010;90:962-963.

Muscle activation and perceived loading during rehabilitation exercises: comparison of dumbbells and elastic resistance. Andersen LL, Andersen CH, Mortensen OS, et al. 2010;90:538-549.

Use of muscle functional magnetic resonance imaging to compare cervical flexor activity between patients with whiplash-associated disorders and people who are healthy. Cagnie B, Dolphens M, Peeters I, et al. 2010;90:1157-1164.

Lower Extremity

A clinical trial of neuromuscular electrical stimulation in improving quadriceps muscle strength and activation among women with mild and moderate osteoarthritis. Palmieri-Smith RM, Thomas AC, Karvonen-Gutierrez C, Sowers MF. 2010;90:1441-1452.

Early postoperative measures predict 1- and 2-year outcomes after unilateral total knee arthroplasty: importance of contralateral limb strength. Zeni JA Jr, Snyder-Mackler L. 2010;90:43-54.

Novel patterns of functional electrical stimulation have an immediate effect on dorsiflexor muscle function during gait for people poststroke. Kesar TM, Perumal R, Jancosko A, et al. 2010;90:55-66.

Rectus femoris to gracilis muscle transfer with fractional lengthening of the vastus muscles: a treatment for adults with stiff knee gait. Namdari S, Pill SG, Makani A, Keenan MA. 2010;90:261-268.

Trunk

Trunk and hip muscle activation patterns are different during walking in young children with and without cerebral palsy. Prosser LA, Lee SCK, VanSant AF, et al. 2010;90:986-997.

- Invited commentary. Wagenaar RC. 2010;90:997-999.
- Author response. Prosser LA, Lee SCK, VanSant AF, Lauer RT. 2010;90:999-1000.

Upper Extremity

Construct validity of muscle force tests of the rotator cuff muscles: an electromyographic investigation. Brookham RL, McLean L, Dickerson CR. 2010;90:572-580.

Musculoskeletal Disorders

General

Critical appraisal of clinical prediction rules that aim to optimize treatment selection for musculoskeletal conditions. Stanton TR, Hancock MJ, Maher CG, Koes BW. 2010;90:843-854.

- Invited commentary. Fitzgerald GK. 2010;90:855-858.
- Author response. Stanton TE, Hancock MJ, Maher CG, Koes BW. 2010;90:858-859.

Effectiveness of interferential current therapy in the management of musculoskeletal pain: a systematic review and meta-analysis. Fuentes JP, Armijo Olivo S, Magee DJ, Gross DP. 2010;90:1219-1238.

Effects of traditional sit-up training versus core stabilization exercises on short-term musculoskeletal injuries in US Army soliders: a cluster randomized trial. Childs JD, Teyhen DS, Casey PR, et al. 2010;90:1404-1412.

The emerging relationship between regenerative medicine and physical therapeutics. Ambrosio F, Wolf SL, Delitto A, et al. 2010;90:1807-1814.

Individual expectation: an overlooked, but pertinent, factor in the treatment of individuals experiencing musculoskeletal pain. Bialosky JE, Bishop MD, Cleland JA. 2010;90:1345-1355.

N

Neck and Trunk

Back

Adherence to clinical practice guidelines for low back pain in physical therapy: do patients benefit? Rutten GM, Degen S, Hendriks EJ, et al. 2010;90:1111-1122.

- Letter to the editor. Maitland M. 2010;90:1899.
- Author response. Rutten GM, Harting J, Hendriks EJ. 2010;90:1899-1900.

Can we explain heterogeneity among randomized clinical trials of exercise for chronic back pain? A meta-regression analysis of randomized controlled trials. Ferreira ML, Smeets RJEM, Kamper SJ, et al. 2010;90:1383-1403.

Graded activity and graded exposure for persistent nonspecific low back pain: a systematic review. Macedo LG, Smeets RJEM, Maher CG, et al. 2010;90:860-879.

Kinematics of rising from a chair: image-based analysis of the sagittal hip-spine movement pattern in elderly people who are healthy. Fotoohabadi MR, Tully EA, Galea MP. 2010;90:561-571.

[Motor control exercise for chronic low back pain: a randomized placebo-controlled trial. Costa LOP, Maher CG, Latimer J, et al. 2009;89:1275-1286.

- Invited commentary. Fritz JM. 2009;89:1287-1289.
- Author response. Costa LOP, Maher CG, Latimer J, et al. 2009;89:1289-1291.]
- Letter to the editor. Weiss PC. 2010;90:307.
- Author response. Costa LOP, Maher CG, Latimer J, et al. 2010;90:307-308.
- Letter to the editor. Hart DL, Werneke MW. 2010;90:308-310.
- Author response. Costa LOP, Maher CG, Latimer J, et al. 2010;90:310-311.

Motor control exercises, sling exercises, and general exercises for patients with chronic low back pain: a randomized controlled trial with 1-year follow-up. Unsgaard-Tøndel M, Fladmark AM, Salvesen Ø, Vasseljen O. 2010;90:1426-1440.

A pilot study examining the effectiveness of physical therapy as an adjunct to selective nerve root block in the treatment of lumbar radicular pain from disk herniation: a randomized controlled trial. Thackeray A, Fritz JM, Brennan GP, et al. 2010;90:1717-1729.

General
Spondyloarthritis in a patient with unilateral buttock pain and history of Crohn disease. Coronado RA, Sheets CZ, Cook CE, Boissonnault WG. 2010;90:784–792.

- Letter to the editor. Cibulka MT. 2010;90:1083.
- Author response. Coronado RA, Sheets CZ, Cook CE, Boissonnault WG. 2010;90:1083–1084.

Neck
Examination of a clinical prediction rule to identify patients with neck pain likely to benefit from thoracic spine thrust manipulation and a general cervical range of motion exercise: multi-center randomized clinical trial. Cleland JA, Mintken PE, Carpenter K, et al. 2010;90:1239–1250.

- Invited commentary. Hancock MJ. 2010;90:1250–1252.
- Author response. Cleland JA, Fritz JM, Mintken PE, et al. 2010;90:1252–1253.

Nerve Conduction Studies
Motor and sensory nerve conduction are affected differently by ice pack, ice massage, and cold water immersion. Herrera E, Sandoval MC, Camargo DM, Salvini TF. 2010;90:581–591.

Neurological Disorders

Parkinson Disease
Striding out with Parkinson disease: evidence-based physical therapy for gait disorders. Morris ME, Martin CL, Schenkman ML. 2010;90:280–288.

[Test-retest reliability and minimal detectable change on balance and ambulation tests, the 36-Item Short-Form Health Survey, and the United Parkinson Disease Rating Scale in people with parkinsonism. Steffen T, Seney M. 2008;88:733–746.

- Letter to the editor. Stratford PW. 2008;88:888–890.
- Author response. Steffen TM. 2008;88:891.]
- Correction. 2010;90:462.

Neuromuscular Disorders

Multiple Sclerosis
Physical activity behavior of people with multiple sclerosis: understanding how they can become more physically active. Beckerman H, de Groot V, Scholten MA, et al. 2010;90:1001–1013.

Use of physical therapy services among middle-aged and older adults with multiple sclerosis. Finlayson M, Plow M, Cho C. 2010;90:1607–1618.

Neurophysiology/Neuroanatomy
Proprioceptive acuity assessment via joint position matching: from basic science to general practice. Goble DJ. 2010;90:1176–1184.

O

Occupational Therapy
Development of a unique triage system for acute care physical therapy and occupational therapy services: an administrative case report. Hobbs JA, Boysen JF, McGarry KA, et al. 2010;90:1519–1529.

Impact of work-related pain on physical therapists and occupational therapists. Campo M, Darragh AR. 2010;90:905–920.

Oncology
The cancer rehabilitation journey: barriers to and facilitators of exercise among patients with cancer-related fatigue. Blaney J, Lowe-Strong A, Rankin J, et al. 2010;90:1135–1147.

Cancer-related fatigue and rehabilitation: a randomized controlled multicenter trial comparing physical training combined with cognitive-behavioral therapy with physical training only and with no intervention. van Weert E, May AM, Korstjens I, et al. 2010;90:1413–1425.

- Correction. 2010;90:1906

Effects of mastectomy on shoulder and spinal kinematics during bilateral upper-limb movement. Crosbie J, Kilbreath SL, Dylke E, et al. 2010;90:679–692.

Persistent mobility disability after neurotoxic chemotherapy. Hile ES, Fitzgerald GK, Studenski SA. 2010;90:1649–1657.

- Invited commentary. Campbell KL, McNeely ML. 2010;90:1657–1659.
- Author response. Hile ES, Fitzgerald GK, Studenski SA. 2010;90:1659.

Orthoses/Splints/Casts

Lower Extremity
Effect of treadmill training and supramalleolar orthosis use on motor skill development in infants with Down syndrome: a randomized clinical trial. Looper J, Ulrich DA. 2010;90:382–390.

P

Pain
Adherence to clinical practice guidelines for low back pain in physical therapy: do patients benefit? Rutten GM, Degen S, Hendriks EJ, et al. 2010;90:1111–1122.

- Letter to the editor. Maitland M. 2010;90:1899.
- Author response. Rutten GM, Harting J, Hendriks EJ. 2010;90:1899–1900.

Aerobic exercise alters analgesia and neurotrophin-3 synthesis in an animal model of chronic widespread pain. Sharma NK, Ryals JM, Gajewski BJ, Wright DE. 2010;90:714–725.

Can we explain heterogeneity among randomized clinical trials of exercise for chronic back pain? A meta-regression analysis of randomized controlled trials. Ferreira ML, Smeets RJEM, Kamper SJ, et al. 2010;90:1383–1403.

Effect of a home program of hip abductor exercises on knee joint loading, strength, function, and pain in people with knee osteoarthritis: a clinical trial. Sled EA, Khoja L, Deluzio KJ, et al. 2010;90:895–904.

Effectiveness of interferential current therapy in the management of musculoskeletal pain: a systematic review and meta-analysis. Fuentes JP, Armijo Olivo S, Magee DJ, Gross DP. 2010;90:1219–1238.

Examination of a clinical prediction rule to identify patients with neck pain likely to benefit from thoracic spine thrust manipulation and a general cervical range of motion exercise: multi-center randomized clinical trial. Cleland JA, Mintken PE, Carpenter K, et al. 2010;90:1239–1250.

- Invited commentary. Hancock MJ. 2010;90:1250–1252.
- Author response. Cleland JA, Fritz JM, Mintken PE, et al. 2010;90:1252–1253.

Graded activity and graded exposure for persistent nonspecific low back pain: a systematic review. Macedo LG, Smeets RJEM, Maher CG, et al. 2010;90:860–879.

Impact of work-related pain on physical therapists and occupational therapists. Campo M, Darragh AR. 2010;90:905–920.

Individual expectation: an overlooked, but pertinent, factor in the treatment of individuals experiencing musculoskeletal pain. Bialosky JE, Bishop MD, Cleland JA. 2010;90:1345–1355.

McConnell taping shifts the patella inferiorly in patients with patellofemoral pain: a dynamic magnetic resonance imaging study. Derasari A, Brindle TJ, Alter KE, Sheehan FT. 2010;90:411–419.

[Motor control exercise for chronic low back pain: a randomized placebo-controlled trial. Costa LOP, Maher CG, Latimer J, et al. 2009;89:1275–1286.

- Invited commentary. Fritz JM. 2009;89:1287–1289.
- Author response. Costa LOP, Maher CG, Latimer J, et al. 2009;89:1289–1291.]
- Letter to the editor. Weiss PC. 2010;90:307.
- Author response. Costa LOP, Maher CG, Latimer J, et al. 2010;90:307–308.
- Letter to the editor. Hart DL, Werneke MW. 2010;90:308–310.
- Author response. Costa LOP, Maher CG, Latimer J, et al. 2010;90:310–311.

Motor control exercises, sling exercises, and general exercises for patients with chronic low back pain: a randomized controlled trial with 1-year follow-up. Unsgaard-Tøndel M, Fladmark AM, Salvesen Ø, Vasseljen O. 2010;90:1426–1440.

Physical therapist management of chronic prostatitis/chronic pelvic pain syndrome. Van Alstyne LS, Harrington KL, Haskvitz EM. 2010;90:1795–1806.

Physical therapists' perceptions of ease of care in patients receiving 2 forms of analgesia after total hip arthroplasty. Bourne MH, Chelly JE, Damaraju CV, et al. 2010;90:707–713.

A pilot study examining the effectiveness of physical therapy as an adjunct to selective nerve root block in the treatment of lumbar radicular pain from disk herniation: a randomized controlled trial. Thackeray A, Fritz JM, Brennan GP, et al. 2010;90:1717–1729.

Primary care physical therapy in people with fibromyalgia: opportunities and boundaries within a monodisciplinary setting. Nijs J, Mannerkorpi K, Descheemaeker F, Van Houdenhove B. 2010;90:1815–1822.

Some factors predict successful short-term outcomes in individuals with shoulder pain receiving cervicothoracic manipulation: a single-arm trial. Mintken PE, Cleland JA, Carpenter KJ, et al. 2010;90:26–42.

- Letter to the editor. Cibulka MT, Harrell FE Jr. 2010;90:643–644.
- Author response. Mintken PE, Cleland JA, Carpenter KJ, et al. 2010;90:644–646.

Spondyloarthritis in a patient with unilateral buttock pain and history of Crohn disease. Coronado RA, Sheets CZ, Cook CE, Boissonnault WG. 2010;90:784–792.

- Letter to the editor. Cibulka MT. 2010;90:1083.
- Author response. Coronado RA, Sheets CZ, Cook CE, Boissonnault WG. 2010;90:1083–1084.

Pediatrics

Development

The complexity of childhood development: variability in perspective. Vereijken B. 2010;90:1850–1859.

Construct validity of the assessment of balance in children who are developing typically and in children with hearing impairments. De Kegel A, Dhooge I, Peersman W, et al. 2010;90:1783–1794.

Editorial: New steps to "*Move Forward*™." Craik RL. 2010;90:1706–1707.

Effect of treadmill training and supramalleolar orthosis use on motor skill development in infants with Down syndrome: a randomized clinical trial. Looper J, Ulrich DA. 2010;90:382–390.

Perspective on variability in the development of human action. Fetters. L. 2010;90:1860–1867.

Variability in postural control during infancy: implications for development, assessment, and intervention. Dusing SC, Harbourne RT. 2010;90:1838–1849.

Variation and variability: key words in human motor development. Hadders-Algra M. 2010;90:1823–1837.

Evaluation

Using cluster analysis to interpret the variability of gross motor scores of children with typical development. Eldred K, Darrah J. 2010;90:1510–1518.

General

Editorial: Variability in childhood development. Helders PJM. 2010;90:1708–1709.

Family priorities for activity and participation of children and youth with cerebral palsy. Chiarello LA, Palisano RJ, Maggs JM, et al. 2010;90:1254–1264.

Opportunities for early intervention based on theory, basic neuroscience, and clinical science. Ulrich BD. 2010;90:1868–1880.

Trunk and hip muscle activation patterns are different during walking in young children with and without cerebral palsy. Prosser LA, Lee SCK, VanSant AF, et al. 2010;90:986–997.

- Invited commentary. Wagenaar RC. 2010;90:997–999.
- Author response. Prosser LA, Lee SCK, VanSant AF, Lauer RT. 2010;90:999–1000.

Treatment

A comparison of interventions for children with cerebral palsy to improve sitting postural control: a clinical trial. Harbourne RT, Willett S, Kyvelidou A, et al. 2010;90:1881–1898.

Effects of various treadmill interventions on the development of joint kinematics in infants with Down syndrome. Wu J, Looper J, Ulrich DA, Angulo-Barroso RM. 2010;90:1265–1276.

Pediatric Endurance and Limb Strengthening (PEDALS) for children with cerebral palsy using stationary cycling: a randomized controlled trial. Fowler EG, Knutson LM, DeMuth SK, et al; for the Physical Therapy Clinical Research Network (PTClinResNet). 2010;90:367–381.

Peer-Reviewed Publications

Core journals that publish clinical trials of physical therapy interventions. Costa LOP, Moseley AM, Sherrington C, et al. 2010;90:1631–1640.

Editorial: Retaining trust. Craik RL. 2010;90:322–323.

Editorial: Submission guidelines get to the point. Craik RL. 2010;90:475.

Pharmacology

Adherence to behavioral interventions for urge incontinence when combined with drug therapy: adherence rates, barriers, and predictors. Borello-France D, Burgio KL, Goode PS, et al; for the Urinary Incontinence Treatment Network. 2010;90:1493–1505.

- Invited commentary. Sran MM, Wilson P, Lieblich P. 2010;90:1505–1507.
- Author response. Borello-France D, Burgio KL, Goode PS, et al. 2010;90:1507–1509.

Effects of statins on skeletal muscle: a perspective for physical therapists. Di Stasi SL, MacLeod TD, Winters JD, Binder-Macleod SA. 2010;90:1530–1542.

Persistent mobility disability after neurotoxic chemotherapy. Hile ES, Fitzgerald GK, Studenski SA. 2010;90:1649–1657.

- Invited commentary. Campbell KL, McNeely ML. 2010;90:1657–1659.
- Author response. Hile ES, Fitzgerald GK, Studenski SA. 2010;90:1659.

Physical Fitness

Physical activity promotion in the physical therapy setting: perspectives from practitioners and students. Shirley D, van der Ploeg HP, Bauman AE. 2010;90:1311–1322.

School-based physical activity and fitness promotion. Racette SB, Cade WT, Beckmann LR. 2010;90:1214–1218.

Physical Therapy Profession

International

Editorial: Physical therapists in post-earthquake Haiti: seeking a balance between humanitarian service and research. Landry MD. 2010;90:974–976.

Patient Services

Access to physical therapy services among medically underserved adults: a mixed-method study. McCallum CA. 2010;90:735–747.

Creating an interface between the *International Classification of Functioning, Disability and Health* and physical therapist practice. Escorpizo R, Stucki G, Cieza A, et al. 2010;90:1053–1063.

- Invited commentary. Jette AM. 2010;90:1064–1065.
- Author response. Escorpizo R, Stucki G, Cieza A, et al. 2010;90:1066–1067.
- Correction. 2010;90:1204.
- Letter to the editor. Effgen SK. 2010;90:1900.
- Author response. Escorpizo R. 2010;90:1900–1901.

Development of a unique triage system for acute care physical therapy and occupational therapy services: an administrative case report. Hobbs JA, Boysen JF, McGarry KA, et al. 2010;90:1519–1529.

Use of physical therapy services among middle-aged and older adults with multiple sclerosis. Finlayson M, Plow M, Cho C. 2010;90:1607–1618.

Using a case report of a patient with spinal cord injury to illustrate the application of the *International Classification of Functioning, Disability and Health* during multidisciplinary patient management. Rauch A, Escorpizo R, Riddle DL, et al. 2010;90:1039–1052.

- Invited commentary. Jette AM. 2010;90:1064–1065.
- Author response. Escorpizo R, Stucki G, Cieza A, et al. 2010;90:1066–1067.

Professional Issues

Bundling acute and postacute payment: from a culture of compliance to a culture of innovation and best practice. DeJong G. 2010;90:658–662.

Closing the gap between ethics knowledge and practice through active engagement: an applied model of physical therapy ethics. Delany CM, Edwards I, Jensen GM, Skinner E. 2010;90:1068–1078.

- Invited comentary. Geddes EL. 2010;90:1078–1080.
- Author response. Delany CM, Edwards I, Jensen GM, Skinner E. 2010;90:1081–1082.

Constrained physical therapist practice: an ethical case analysis of recommending discharge placement from the acute care setting. Nalette E. 2010;90:939–952.

Continuing professional development is associated with increasing physical therapists' roles in arthritis management in Canada and the Netherlands. Li LC, Hurkmans EJ, Sayre EC, Vliet Vlieland TPM. 2010;90:629–642.

Do as I do: exercise habits of physical therapists, physical therapist assistants, and student physical therapists. Chevan J, Haskvitz EM. 2010;90:726–734.

Impact of work-related pain on physical therapists and occupational therapists. Campo M, Darragh AR. 2010;90:905–920.

Intervention goals determine physical therapists' workload in the acute care setting. Grill E, Huber EO, Gloor-Juzi T, Stucki G. 2010;90:1468–1478.

Nationwide acute care physical therapist practice analysis identifies knowledge, skills, and behaviors that reflect acute care practice. Gorman SL, Wruble Hakim E, Johnson W, et al. 2010;90:1453–1467.

Physical therapists make accurate and appropriate discharge recommendations for patients who are acutely ill. Smith BA, Fields CJ, Fernandez N. 2010;90:693–703.

- Invited commentary. Coffin-Zadai C. 2010;90:704–705.
- Author response. Smith BA, Fields CJ, Fernandez N. 2010;90:705–706.
- Letter to the editor. Scalzitti DA. 2010;90:1203.
- Author response. Smith BA, Fields CJ, Fernandez N. 2010;90:1203–1204.

The Physical Therapy and Society Summit (PASS) meeting: observations and opportunities. Kigin CM, Rodgers MM, Wolf SL; for the PASS Steering Committee Members. 2010;90:1555–1567.

- Correction. 2010;90:1906.

Physical therapy in the emergency department: development of a novel practice venue. Fleming-McDonnell D, Czuppon S, Deusinger SS, Deusinger RH. 2010;90:420–426.

Psychometric properties of a peer-assessment program to assess continuing competence in physical therapy. Miller PA, Nayer M, Eva KW. 2010;90:1026–1038.

Pursuit and implementation of hospital-based outpatient direct access to physical therapy services: an administrative case report. Boissonnault WG, Badke MB, Powers JM. 2010;90:100–109.

The revised APTA *Code of Ethics* for the physical therapist and *Standards of Ethical Conduct for the Physical Therapist Assistant*: theory, purpose, process, and significance. Swisher LL, Hiller P; the APTA Task Force to Revise the Core Ethics Documents. 2010;90:803–824.

Posture

General

A comparison of interventions for children with cerebral palsy to improve sitting postural control: a clinical trial. Harbourne RT, Willett S, Kyvelidou A, et al. 2010;90:1881–1898.

Decreased muscle strength relates to self-reported stooping, crouching, or kneeling difficulty in older adults. Hernandez ME, Goldberg A, Alexander NB. 2010;90:67–74.

Variability in postural control during infancy: implications for development, assessment, and intervention. Dusing SC, Harbourne RT. 2010;90:1838–1849.

Tests and Measurements

Balance impairment as a risk factor for falls in community-dwelling older adults who are high functioning: a prospective study. Muir SW, Berg K, Chesworth B, et al. 2010;90:338–347.

A simple clinical scale to stratify risk of recurrent falls in community-dwelling adults aged 65 years and older. Buatois S, Perret-Guillaume C, Gueguen R, et al. 2010;90:550–560.

Professional-Patient Relations

The influence of the therapist-patient relationship on treatment outcome in physical rehabilitation: a systematic review. Hall AM, Ferreira PH, Maher CG, et al. 2010;90:1099–1110.

Pulmonary

Chronic Obstructive Pulmonary Disease

Associations of the Stair Climb Power Test with muscle strength and functional performance in people with chronic obstructive pulmonary disease: a cross-sectional study. Roig M, Eng JJ, MacIntyre DL, et al. 2010;90:1774–1782.

Pulmonary rehabilitation following acute exacerbation of chronic obstructive pulmonary disease. Jette DU, Bourgeois MC, Buchbinder R. 2010;90:9–12.

General

Reference values for aerobic fitness in children, adolescents, and young adults who have cerebral palsy and are ambulatory. Verschuren O, Bloemen M, Kruitwagen C, Takken T. 2010;90:1148–1156.

Sarcopenia, cardiopulmonary fitness, and physical disability in community-dwelling elderly people. Chien M-Y, Kuo H-K, Wu Y-T. 2010;90:1277–1287.

R

Rehabilitation

Aerobic exercise during early rehabilitation for cervical spinal cord injury. Tawashy AE, Eng JJ, Krassioukov AV, et al. 2010;90:427–437.

Can strength training predictably improve gait kinematics? A pilot study on the effects of hip and knee extensor strengthening on lower-extremity alignment in cerebral palsy. Damiano DL, Arnold AS, Steele KM, Delp SL. 2010;90:269–279.

The cancer rehabilitation journey: barriers to and facilitators of exercise among patients with cancer-related fatigue. Blaney J, Lowe-Strong A, Rankin J, et al. 2010;90:1135–1147.

Cancer-related fatigue and rehabilitation: a randomized controlled multicenter trial comparing physical training combined with cognitive-behavioral therapy with physical training only and with no intervention. van Weert E, May AM, Korstjens I, et al. 2010;90:1413–1425.

- Correction. 2010;90:1906.

Cognitive load and dual-task performance during locomotion poststroke: a feasibility study using a functional virtual environment. Kizony R, Levin MF, Hughey L, et al. 2010;90:252–260.

Comprehensive facial rehabilitation improves function in people with facial paralysis: a 5-year experience at the Massachusetts Eye and Ear Infirmary. Lindsay RW, Robinson M, Hadlock TA. 2010;90:391–397.

Creating an interface between the *International Classification of Functioning, Disability and Health* and physical therapist practice. Escorpizo R, Stucki G, Cieza A, et al. 2010;90:90:1053–1063.

- Invited commentary. Jette AM. 2010;90:1064–1065.
- Author response. Escorpizo R, Stucki G, Cieza A, et al. 2010;90:1066–1067.
- Correction. 2010;90:1204.
- Letter to the editor. Effgen SK. 2010;90:1900.

- Author response. Escorpizo R. 2010;90:1900–1901.

Daily stepping in individuals with motor incomplete spinal cord injury. Saraf P, Rafferty MR, Moore JL, et al. 2010;90:224–235.

- Invited commentary. Bowden MG, Behrman AL. 2010;90:235–237.
- Author response. Saraf P, Rafferty MR, Moore JL, et al. 2010;90:237–239.

Dynamic principles of gait and their clinical implications. Kuo AD, Donelan JM. 2010;90:157–174.

- Invited commentary. Eng JJ. 2010;90:174–176.

Editorial: Jacquelin Perry, 9 feet tall. Craik RL. 2010;90:142–145.

- Letter to the editor. Perry J. 2010;90:825.

Editorial: Stepping forward with gait rehabilitation. Eng JJ, Mulroy SJ. 2010;90:146–148.

The emerging relationship between regenerative medicine and physical therapeutics. Ambrosio F, Wolf SL, Delitto A, et al. 2010;90:1807–1814.

Gait parameters associated with responsiveness to treadmill training with body-weight support after stroke: an exploratory study. Mulroy SJ, Klassen T, Gronley JK, et al. 2010;90:209–223.

How does explicit prioritization alter walking during dual-task performance? Effects of age and sex on gait speed and variability. Yogev-Seligmann G, Rotem-Galili Y, Mirelman A, et al. 2010;90:177–186.

Individual expectation: an overlooked, but pertinent, factor in the treatment of individuals experiencing musculoskeletal pain. Bialosky JE, Bishop MD, Cleland JA. 2010;90:1345–1355.

The influence of the therapist-patient relationship on treatment outcome in physical rehabilitation: a systematic review. Hall AM, Ferreira PH, Maher CG, et al. 2010;90:1099–1110.

Meaningful gait speed improvement during the first 60 days poststroke: minimal clinically important difference. Tilson JK, Sullivan KJ, Cen SY, et al; Locomotor Experience Applied Post Stroke (LEAPS) Investigative Team. 2010;90:196–208.

Mental practice for relearning locomotor skills. Malouin F, Richards CL. 2010;90:240–251.

The Move & PLAY study: an example of comprehensive rehabilitation outcomes research. Bartlett DJ, Chiarello LA, McCoy SW, et al. 2010;90:1660–1672.

- Invited commentary. Horn SD. 2010;90:1673–1675.
- Author response. Bartlett DJ, Palisano RJ, Chiarello LA, et al. 2010;90:1675–1676.

Muscle activation and perceived loading during rehabilitation exercises: comparison of dumbbells and elastic resistance. Andersen LL, Andersen CH, Mortensen OS, et al. 2010;90:538–549.

Neurophysiologic and rehabilitation insights from the split-belt and other locomotor adaptation paradigms. Reisman DS, Bastian AJ, Morton SM. 2010;90:187–195.

Pulmonary rehabilitation following acute exacerbation of chronic obstructive pulmonary disease. Jette DU, Bourgeois MC, Buchbinder R. 2010;90:9–12.

Quality-of-life change associated with robotic-assisted therapy to improve hand motor function in patients with subacute stroke: a randomized clinical trial. Kutner NG, Zhang R, Butler AJ, et al. 2010;90:493–504.

- Invited commentary. Merians AS. 2010;90:504–506.
- Author response. Alberts JL, Wolf SL, Kutner NG. 2010;90:506–508.

Rectus femoris to gracilis muscle transfer with fractional lengthening of the vastus muscles: a treatment for adults with stiff knee gait. Namdari S, Pill SG, Makani A, Keenan MA. 2010;90:261–268.

Reference values for aerobic fitness in children, adolescents, and young adults who have cerebral palsy and are ambulatory. Verschuren O, Bloemen M, Kruitwagen C, Takken T. 2010;90:1148–1156.

Reprint—AACVPR/ACCF/AHA 2010 update: performance measures on cardiac rehabilitation for referral to cardiac rehabilitation/secondary prevention services. Thomas RJ, King M, Lui K, et al. 2010;90:1373–1382. [Reprinted from *J Am Coll Cardiol.* 2010;56:1159–1167.]

- Correction. 2010;90:1906.

The role of caregiver involvement in upper-limb treatment in individuals with subacute stroke. Harris JE, Eng JJ, Miller WC, Dawson AS. 2010;90:1302–1310.

Similarity of joint kinematics and muscle demands between elliptical training and walking: implications for practice. Burnfield JM, Shu Y, Buster T, Taylor A. 2010;90:289–305.

Striding out with Parkinson disease: evidence-based physical therapy for gait disorders. Morris ME, Martin CL, Schenkman ML. 2010;90:280–288.

Using a case report of a patient with spinal cord injury to illustrate the application of the *International Classification of Functioning, Disability and Health* during multidisciplinary patient management. Rauch A, Escorpizo R, Riddle DL, et al. 2010;90:1039–1052.

- Invited commentary. Jette AM. 2010;90:1064–1065.
- Author response. Escorpizo R, Stucki G, Cieza A, et al. 2010;90:1066–1067.

Validation of a new device to measure postsurgical scar adherence. Ferriero G, Vercelli S, Salgovic L, et al. 2010;90:776–783.

What's in team rehabilitation care after arthroplasty for osteoarthritis? Results from a multicenter, longitudinal study assessing structure, process, and outcome. Grotle M, Garratt AM, Klokkerud M, et al. 2010;90:121–131.

Research

Comparative effectiveness research: opportunities and challenges for physical therapy. Freburger JK, Carey TS. 2010;90:327–332.

Editorial: Improving the evidence base for physical therapy disability interventions. Jette AM, Latham N. 2010;90:324–325.

Editorial: Physical therapists in post-earthquake Haiti: seeking a balance between humanitarian service and research. Landry MD. 2010;90:974–976.

How to develop patient-centered research: some perspectives based on surveys among people with rheumatic diseases in Scandinavia. Kjeken I, Ziegler C, Skrolsvik J, et al. 2010;90:450–460.

The Move & PLAY study: an example of comprehensive rehabilitation outcomes research. Bartlett DJ, Chiarello LA, McCoy SW, et al. 2010;90:1660-1672.

- Invited commentary. Horn SD. 2010;90:1673-1675.
- Author response. Bartlett DJ, Palisano RJ, Chiarello LA, et al. 2010;90:1675-1676.

Promoting the use of measurement tools in practice: a mixed-methods study of the activities and experiences of physical therapist knowledge brokers. Rivard LM, Russell DJ, Roxborough L, et al. 2010;90:1580-1590.

Qualitative research ethics: enhancing evidence-based practice in physical therapy. Townsend A, Cox SM, Li LC. 2010;90:615-628.

Roentgenography

McConnell taping shifts the patella inferiorly in patients with patellofemoral pain: a dynamic magnetic resonance imaging study. Derasari A, Brindle TJ, Alter KE, Sheehan FT. 2010;90:411-419.

S

Soft Tissue Syndromes

Exposure to low amounts of ultrasound energy does not improve soft tissue shoulder pathology: a systematic review. Alexander LD, Gilman DRD, Brown DR, et al. 2010;90:14-25.

- Letter to the editor. Tygiel PP. 2010;90:461.
- Author response. Houghton PE. 2010;90:461-462.

Primary care physical therapy in people with fibromyalgia: opportunities and boundaries within a monodisciplinary setting. Nijs J, Mannerkorpi K, Descheemaeker F, Van Houdenhove B. 2010;90:1815-1822.

Spinal Cord Dysfunction

General

Aerobic exercise during early rehabilitation for cervical spinal cord injury. Tawashy AE, Eng JJ, Krassioukov AV, et al. 2010;90:427-437.

Creating an interface between the *International Classification of Functioning, Disability and Health* and physical therapist practice. Escorpizo R, Stucki G, Cieza A, et al. 2010;90:90:1053-1063.

- Invited commentary. Jette AM. 2010;90:1064-1065.
- Author response. Escorpizo R, Stucki G, Cieza A, et al. 2010;90:1066-1067.
- Correction. 2010;90:1204.
- Letter to the editor. Effgen SK. 2010;90:1900.
- Author response. Escorpizo R. 2010;90:1900-1901.

Daily stepping in individuals with motor incomplete spinal cord injury. Saraf P, Rafferty MR, Moore JL, et al. 2010;90:224-235.

- Invited commentary. Bowden MG, Behrman AL. 2010;90:235-237.
- Author response. Saraf P, Rafferty MR, Moore JL, et al. 2010;90:237-239.

Ongoing walking recovery 2 years after locomotor training in a child with severe incomplete spinal cord injury. Fox EJ, Tester NJ, Phadke CP, et al. 2010;90:793-802.

Using a case report of a patient with spinal cord injury to illustrate the application of the *International Classification of Functioning, Disability and Health* during multidisciplinary patient management. Rauch A, Escorpizo R, Riddle DL, et al. 2010;90:1039-1052.

- Invited commentary. Jette AM. 2010;90:1064-1065.
- Author response. Escorpizo R, Stucki G, Cieza A, et al. 2010;90:1066-1067.

T

Tests and Measurements

Functional

Associations of the Stair Climb Power Test with muscle strength and functional performance in people with chronic obstructive pulmonary disease: a cross-sectional study. Roig M, Eng JJ, MacIntyre DL, et al. 2010;90:1774-1782.

Cochrane review: improving physical function and performance with progressive resistance strength training in older adults. Mangione KK, Miller AH, Naughton IV. 2010;90:1711-1715.

A computerized adaptive test for patients with shoulder impairments produced responsive measures of function. Hart DL, Wang Y-C, Cook KF, Mioduski JE. 2010;90:928-938.

Cross-cultural differences in knee functional status outcomes in a polyglot society represented true disparities not biased by differential item function. Deutscher D, Hart DL, Crane PK, Dickstein R. 2010;90:1730-1742.

Functional gait assessment: concurrent, discriminative, and predictive validity in community-dwelling older adults. Wrisley DM, Kumar NA. 2010;90:761-773.

- Invited commentary. Brach JS. 2010;90:774-775.

Graded activity and graded exposure for persistent nonspecific low back pain: a systematic review. Macedo LG, Smeets RJEM, Maher CG, et al. 2010;90:860-879.

Reliability of ankle isometric, isotonic, and isokinetic strength and power testing in older women. Webber SC, Porter MM. 2010;90:1165-1175.

A simple clinical scale to stratify risk of recurrent falls in community-dwelling adults aged 65 years and older. Buatois S, Perret-Guillaume C, Gueguen R, et al. 2010;90:550-560.

Sit-to-stand movement as a performance-based measure for patients with total knee arthroplasty. Boonstra MC, Schwering PJA, De Waal Malefijt MC, Verdonschot N. 2010;90:149-156.

Using cluster analysis to interpret the variability of gross motor scores of children with typical development. Eldred K, Darrah J. 2010;90:1510-1518.

Walking skill can be assessed in older adults: validity of the Figure-of-8 Walk Test. Hess RJ, Brach JS, Piva SR, VanSwearingen JM. 2010;90:89-99.

General

Clinical interpretation of outcome measures generated from a lumbar computerized adaptive test. Wang Y-C, Hart DL, Werneke M, et al. 2010;90:1323-1335.

Construct validity of muscle force tests of the rotator cuff muscles: an electromyographic investigation. Brookham RL, McLean L, Dickerson CR. 2010;90:572-580.

Detectable changes in physical performance measures in elderly African Americans. Mangione KK, Craik RL, McCormick AA, et al. 2010;90:921-927.

Development of a computerized adaptive test for assessing balance function in patients with stroke. Hsueh I-P, Chen J-H, Wang C-H, et al. 2010;90:1336-1344.

Implementation of measurement instruments in physical therapist practice: development of a tailored strategy. Stevens JGA, Beurskens AJMH. 2010;90:953-961.

Measurement of femoral torsion by ultrasound and magnetic resonance imaging: concurrent validity. Kulig K, Harper-Hanigan K, Souza RB, Powers CM. 2010;90:1641-1648.

Progressive resistance training improves overall physical activity levels in patients with early osteoarthritis of the knee: a randomized controlled trial. Farr JN, Going SB, McKnight PE, et al. 2010;90:356-366.

Promoting the use of measurement tools in practice: a mixed-methods study of the activities and experiences of physical therapist knowledge brokers. Rivard LM, Russell DJ, Roxborough L, et al. 2010;90:1580-1590.

Quantifying self-report measures' overestimation of mobility scores postarthroplasty. Stratford PW, Kennedy DM, Maly MR, MacIntyre NJ. 2010;90:1288-1296.

- Invited commentary. Mizner RL. 2010;90:1296-1298.
- Invited commentary. Pua YH, Bennell KL. 2010;90:1298-1299.
- Author response. Stratford PW, Kennedy DM, Maly MR, MacIntyre NJ. 2010;90:1300-1301.

[Test-retest reliability and minimal detectable change on balance and ambulation tests, the 36-Item Short-Form Health Survey, and the United Parkinson Disease Rating Scale in people with parkinsonism. Steffen T, Seney M. 2008;88:733-746.

- Letter to the editor. Stratford PW. 2008;88:888-890.
- Author response. Steffen TM. 2008;88:891.]
- Correction. 2010;90:462.

Validation of a new device to measure postsurgical scar adherence. Ferriero G, Vercelli S, Salgovic L, et al. 2010;90:776-783.

Sensation

Proprioceptive acuity assessment via joint position matching: from basic science to general practice. Goble DJ. 2010;90:1176-1184.

U

Ultrasound

Exposure to low amounts of ultrasound energy does not improve soft tissue shoulder pathology: a systematic review. Alexander LD, Gilman DRD, Brown DR, et al. 2010;90:14-25.

- Letter to the editor. Tygiel PP. 2010;90:461.
- Author response. Houghton PE. 2010;90:461-462.

Measurement of femoral torsion by ultrasound and magnetic resonance imaging: concurrent validity. Kulig K, Harper-Hanigan K, Souza RB, Powers CM. 2010;90:1641-1648.

Upper Extremity

General

The role of caregiver involvement in upper-limb treatment in individuals with subacute stroke. Harris JE, Eng JJ, Miller WC, Dawson AS. 2010;90:1302-1310.

Hand and Wrist

Quality-of-life change associated with robotic-assisted therapy to improve hand motor function in patients with subacute stroke: a randomized clinical trial. Kutner NG, Zhang R, Butler AJ, et al. 2010;90:493-504.

- Invited commentary. Merians AS. 2010;90:504-506.
- Author response. Alberts JL, Wolf SL, Kutner NG. 2010;90:506-508.

Shoulder

A computerized adaptive test for patients with shoulder impairments produced responsive measures of function. Hart DL, Wang Y-C, Cook KF, Mioduski JE. 2010;90:928-938.

Construct validity of muscle force tests of the rotator cuff muscles: an electromyographic investigation. Brookham RL, McLean L, Dickerson CR. 2010;90:572-580.

Effects of mastectomy on shoulder and spinal kinematics during bilateral upper-limb movement. Crosbie J, Kilbreath SL, Dylke E, et al. 2010;90:679-692.

Exposure to low amounts of ultrasound energy does not improve soft tissue shoulder pathology: a systematic review. Alexander LD, Gilman DRD, Brown DR, et al. 2010;90:14-25.

- Letter to the editor. Tygiel PP. 2010;90:461.
- Author response. Houghton PE. 2010;90:461-462.

Some factors predict successful short-term outcomes in individuals with shoulder pain receiving cervicothoracic manipulation: a single-arm trial. Mintken PE, Cleland JA, Carpenter KJ, et al. 2010;90:26-42.

- Letter to the editor. Cibulka MT, Harrell FE Jr. 2010;90:643-644.
- Author response. Mintken PE, Cleland JA, Carpenter KJ, et al. 2010;90:644-646.

V

Vestibular System

Construct validity of the assessment of balance in children who are developing typically and in children with hearing impairments. De Kegel A, Dhooge I, Peersman W, et al. 2010;90:1783-1794.

Effectiveness of particle repositioning maneuvers in the treatment of benign paroxysmal positional vertigo: a systematic review. Helminski JO, Zee DS, Janssen I, Hain TC. 2010;90:663-678.